



U.S. Department
of Homeland Security
**United States
Coast Guard**

LOCAL NOTICE TO MARINERS

District: 11

Week: 44/15

CORRESPONDENCE TO:
COMMANDER
DISTRICT ELEVEN (DPW)
COAST GUARD ISLAND BUILDING 50-2
ALAMEDA, CA 94501-5100

REFERENCES: COMDTPUB P16502.6, Light List Volume VI, 2015 Edition, U.S. Chart No.1 12th Edition, and Coast Pilot Volume 7 46th Edition. These publications, along with corrections, are available at: <http://www.nauticalcharts.noaa.gov/nsd/cpdownload.htm>.

BROADCAST NOTICE TO MARINERS - Information concerning aids to navigation and waterway management promulgated through BNM HB-0016-15, SF-0196-15, LA-0155-15, and SD-0123-15 have been incorporated in this notice, or will continue if still significant.

ABBREVIATIONS

A through H

ADRIFT - Buoy Adrift
AICW - Atlantic Intracoastal Waterway
AI - Alternating
B - Buoy
BKW - Breakwater
bl - Blast
BNM - Broadcast Notice to Mariner
bu - Blue
C - Canadian
CHAN - Channel
CGD - Coast Guard District
C/O - Cut Off
CONT - Contour
CRK - Creek
CONST - Construction
DAYMK/Daymk - Daymark
DBN/Dbn - Daybeacon
DBD/DAYBD - Dayboard
DEFAC - Defaced
DEST - Destroyed
DISCON - Discontinued
DMGD/DAMGD - Damaged
ec - eclipse
EST - Established Aid
ev - every
EVAL - Evaluation
EXT - Extinguished
F - Fixed
fl - flash
Fl - Flashing
G - Green
GIWW - Gulf Intracoastal Waterway
HAZ - Hazard to Navigation
HBR - Harbor
HOR - Horizontal Clearance
HT - Height

I through O

I - Interrupted
ICW - Intracoastal Waterway
IMCH - Improper Characteristic
INL - Inlet
INOP - Not Operating
INT - Intensity
ISL - Islet
Iso - Isophase
kHz - Kilohertz
LAT - Latitude
LB - Lighted Buoy
LBB - Lighted Bell Buoy
LHB - Lighted Horn Buoy
LGB - Lighted Gong Buoy
LONG - Longitude
LNM - Local Notice to Mariners
LT - Light
LT CONT - Light Continuous
LTR - Letter
LWB - Lighted Whistle Buoy
LWP - Left Watching Properly
MHz - Megahertz
MISS/MSNG - Missing
Mo - Morse Code
MRASS - Marine Radio Activated Sound Signal
MSLD - Misleading
N/C - Not Charted
NGA - National Geospatial-Intelligence Agency
NO/NUM - Number
NOS - National Ocean Service
NW - Notice Writer
OBSCU - Obscured
OBST - Obstruction
OBSTR - Obstruction
Oc - Occulting
ODAS - Anchored Oceanographic Data Buoy

P through Z

PRIV - Private Aid
Q - Quick
R - Red
RACON - Radar Transponder Beacon
Ra ref - Radar reflector
RBN - Radio Beacon
REBUILT - Aid Rebuilt
RECOVERED - Aid Recovered
RED - Red Buoy
REFL - Reflective
RRL - Range Rear Light
RELIGHTED - Aid Relit
RELOC - Relocated
RESET ON STATION - Aid Reset on Station
RFL - Range Front Light
RIV - River
RRASS - Remote Radio Activated Sound Signal
s - seconds
SEC - Section
SHL - Shoaling
si - silent
SIG - Signal
SND - Sound
SPM - Single Point Mooring Buoy
SS - Sound Signal
STA - Station
STRUCT - Structure
St M - Statute Mile
TEMP - Temporary Aid Change
TMK - Topmark
TRLB - Temporarily Replaced by Lighted Buoy
TRLT - Temporarily Replaced by Light
TRUB - Temporarily Replaced by Unlighted Buoy
USACE - Army Corps of Engineers
W - White
Y - Yellow

Additional Abbreviations Specific to this LNM Edition: None

SECTION I - SPECIAL NOTICES

This section contains information of special concern to the Mariner.

SUBMITTING INFORMATION FOR PUBLICATION IN THE LOCAL NOTICE TO MARINERS

A complete set of guidelines with examples and contact information can be found at <http://www.uscg.mil/D11/DP/LnmRequest.asp> or call BM1 Alfred Albert at 510-437-2980 or e-mail D11LNM@uscg.mil. Please provide all Local Notice to Mariners submissions 14 days prior to the start of operations.

COAST GUARD LIGHT LISTS-CHANGE IN DISTRIBUTION METHOD

Coast Guard Light Lists are a means for communicating aids to navigation information to the maritime public. Effective immediately, the Coast Guard will no longer print hardcopy Light Lists. The last government printed Light Lists were the 2014 editions.

Based on emerging technology and the ability to update Light Lists on a weekly basis, the cost and time for printing the Light List on an annual basis has reached obsolescence. Technology now allows us to provide the Light List in a timelier and less costly manner via the Internet. A Federal Register Notice announcing this change was issued on 1 April 2015. The notice can be viewed at <http://www.gpo.gov/fdsys/pkg/FR-2015-04-01/pdf/2015-07501.pdf>.

Electronic Light Lists are available on the Coast Guard Navigation Center's (NAVCEN) website at <http://www.navcen.uscg.gov/?pageName=lightLists>. Complete versions of the Light Lists are updated weekly on the NAVCEN website at <http://www.navcen.uscg.gov/?pageName=lightListWeeklyUpdates>. Mariners should download applicable copies and updates as needed. Electronic nautical publications are authorized for use on commercial vessels. While the Light Lists will no longer be available in government printed form, commercial reproductions may be available in the future. Local Notices to Mariners will continue to advertise Light List corrections and NAVCEN will continue to publish a compilation of corrections.

LNM: 15/15

SUBMITTING REGULATORY AND CONCURRENT PROJECT INFORMATION

Information or requests regarding regulatory items or concurrent projects should be directed to the U.S. Coast Guard Eleventh District Waterways Management Branch at D11waterways@uscg.mil.

LNM: 11/15

BRIDGE INFORMATION-DISCREPANCIES AND CORRECTIONS

For all bridge related issues, including lighting, operation, obstructions, construction, demolition, etc. contact the Eleventh Coast Guard District Bridge Administrator 24 hour cell phone at 510-219-4366. Flotsam may accumulate on and near bridge piers and abutments. Mariners should approach all bridges with caution. A vessel delay at a drawbridge may be reported to the District Bridge Administrator by telephone, or by using the DelayRept0207.pdf included in the Enclosures section of this Local Notice to Mariners.

AUTOMATIC IDENTIFICATION SYSTEMS-REVISED AIS ENCODING GUIDANCE

U.S. regulations require all Automatic Identification Systems (AIS) to be maintained in effective operating condition, which includes the accurate input and upkeep of all AIS data fields (33 CFR 164.46(d)). The U.S. Coast Guard has developed a Guide, to assist AIS users in performing this task, which provides guidance and examples on how to properly encode each AIS data parameter. See the AIS_Encoding_Guidance.pdf in the enclosure section for more detailed information. The enclosed guide is also available on the U.S. Coast Guard Navigation Center website at <http://www.navcen.uscg.gov/AIS>.

LNM: 29/15

LOS ANGELES-LONG BEACH-PROPOSED SECURITY ZONE

The Eleventh Coast Guard District invites the public to comment on the proposed establishment of a security zone around any vessel escorted by one or more Coast Guard, state or local law-enforcement assets while in navigable waters encompassing the Captain of the Port Zone, Los Angeles-Long Beach. This action being proposed in the security zone is necessary to protect personnel, vessels and facilities from sabotage or other subversive acts, accidents or events of a similar nature.

The comment period will be open until December 17, 2015. We invite the public to make comments regarding the proposed security zone. Detailed information can be found at the following links:

www.regulations.gov/#!docketDetail;D=USCG-2015-0880 or www.regulations.gov, followed by a search for USCG-2015-0880

Please contact the Coast Guard Sector Los Angeles – Long Beach Waterways Management Division at 310-521-3860 or D11-DG-SectorLALB-WWM@uscg.mil for any questions regarding this security zone.

Chart 18022

LNM: 42/15

MARINE SAFETY INFORMATION BULLETIN

Some vessel operators are choosing to depart the Traffic Separation Scheme (TSS) established in the Santa Barbara Channel and transit through an area to the south of San Miguel, Santa Rosa, and Santa Cruz Islands (referenced herein as "south of the Channel Islands"). As such, the Los Angeles / Long Beach Harbor Safety Committee has published voluntary western traffic lanes for vessels approaching and departing the Ports of Los Angeles and Long Beach. Mariners transiting through the western and northern approaches to and from the Ports of Los Angeles and Long Beach (LA/LB) are advised that the established TSS through the Santa Barbara Channel as shown on NOAA and Admiralty charts is the only International Maritime Organization (IMO) approved routing measure in this area. An IMO approved TSS reduces the risk of collision by providing for the separation of arriving and departing traffic and minimizing potentially hazardous crossing situations. Mariners, who have traditionally used this approved TSS, are encouraged to continue to do so. For additional information please see MSIB Voluntary Traffic Lane 11-09.pdf in the Enclosures Section.

LNM: 43/09

MARINE SAFETY INFORMATION BULLETIN

Mariners directing the movement of large ships in or near the offshore approaches to San Francisco Bay have indicated to the Coast Guard that the high-intensity work-lights used by commercial fishing vessels prevent vessel operators from seeing the commercial fishing vessel's navigation lights at night and in low visibility conditions. A clear and present threat to navigation safety exists when one vessel cannot see the navigation lights of another vessel. If navigation lights are obscured, the aspect of the latter vessel cannot be determined making it extremely difficult for both vessels to successfully execute the nautical rules of the road. International Navigation Rule 20 states that no other lights that may impair the visibility of the lights specified in the Rules shall be displayed from sunrise to sunset and during periods of low visibility. For additional information please see CFV Work lights MSIB.pdf in the Enclosures Section.

LNM: 34/15

REDUCED COVERAGE OF NATIONWIDE DIFFERENTIAL GLOBAL POSITIONING SYSTEM (NDGPS)

The U.S. Coast Guard, the U.S. Army Corps of Engineers (USACE), and the U.S. Department of Transportation (DOT) seek comment on a proposal to reduce coverage provided by the Nationwide Differential Global Positioning System (NDGPS). The proposal calls for the shutdown and decommissioning of 62 DGPS sites, leaving 22 operational sites available to users in coastal areas. Termination of the NDGPS broadcast at these sites is planned to occur on January 15, 2016. Comments must be received by November 16, 2015. The full notice and directions on submitting comments can be found via this link: <https://www.federalregister.gov/articles/2015/08/18/2015-20401/nationwide-differential-global-positioning-system-ndgps>.

LNM: 33/15

SAN FRANCISCO BAY-ENTRANCE TSS-SPEED REDUCTION

NOAA Sanctuaries request a voluntary Vessel Speed Reduction from 01 May 15 through 15 Nov 15 within the SF TSS. Vessels 300 gross registered tons or larger transiting the Offshore San Francisco Traffic Separation Scheme (33 CFR 167.400) are encouraged to transit at speeds not in excess of 10kts. These areas contain concentrations of endangered Blue, Humpback, and Fin Whales that are protected under the Federal Endangered Species Act (16 U.S.C. 1538 et seq.), the Marine Mammal Protection Act (16 U.S.C. 1361 et seq.), and the National Marine Sanctuaries Act (16 U.S.C. 1431 et seq.). See SpeedReductionZone.pdf in the enclosures section for a charted diagram of the specified areas.

Chart 18645

LNM: 17/15

U.S. COAST GUARD NAVIGATION RULES

Changes to the U.S. Coast Guard August 2014 Navigation Rules and Regulations Handbook are now available. See NAVRULESCorrectionsLNM.pdf in the enclosure section for more details.

LNM: 39/15

USCG NATION-WIDE AUTOMATIC IDENTIFICATION SYSTEM (NAIS) NETWORK TESTING

On August 10, 2015, the U.S. Coast Guard began AIS Application Specific Message (AIS-ASM) testing. The test transmissions occur between 0001-2359Z, 7 days/week. The test messages can be identified by their Maritime Mobile Service (MMSI) number: 300669139 or 00366613 and by the words "USCG TEST" within the contents of the message. Mariners are requested to contact the USCG Navigation Center at 1-703-313-5900 or TIS-PF-NISWS@uscg.mil with any questions, comments, or to report any safety and/or operational impacts caused by this testing.

Application Specific Messages to be tested include: messages 6, 8, 25, and 26, DAC=367, FI's=22, 29, 33, 35; AIS Safety Related Text (SRM) messages: 8 (DAC=001, FI=0) and 14. The messages will be of various lengths, using repetitions of the text "USCG TEST". For further information on AIS messages, DACs, and FI's visit <http://www.navcen.uscg.gov/?pageName=AIMessages>

LNM: 31/15

Vessel Traffic Service Study

The National Transportation Safety Board's Safety Research Division is conducting a study to assess the effectiveness of Vessel Traffic Service (VTS) systems operated by the U.S. Coast Guard and is seeking feedback from waterway users that operate within a U.S. Coast Guard VTS Area. For directions on how to provide feedback, please go to http://www.nts.gov/safety/safety-studies/Pages/VTS_Safety_Study.aspx or call (202) 314-6175.

SECTION II - DISCREPANCIES

This section lists all reported and corrected discrepancies related to Aids to Navigation in this edition. A discrepancy is a change in the status of an aid to navigation that differs from what is published or charted.

DISCREPANCIES (FEDERAL AIDS)

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
1	Dart Tsunami Warning Lighted Buoy Station 46412	OFF STA	18022	SD-0103-15	37/15	
5	Point Loma Light	REDUCED INT	18773		52/14	
365	Mile Rocks Light	LT EXT	18649	0585-13	52/13	
365	Mile Rocks Light	SS INOP	18649	SF-0096-14	25/14	
510	NOAA Environmental Lighted Buoy 46006	ADRIFT	501	0013-13	02/13	
1500	San Diego Bay Entrance Range Front Light	DAYMK DMGD	18773	SD-0062-15	24/15	
2805	Anaheim Bay East Jetty Light 6	TRLB/STRUCT DEST	18749	LA-0108-14	35/14	
4185	San Francisco Main Ship Channel Lighted Buoy 6	LT EXT	18649	SF-0195-15	44/15	
4245	Mile Rocks Light	LT EXT	18649	0585-13	52/13	
4245	Mile Rocks Light	SS INOP	18649	SF-0096-14	25/14	
5180	Redwood Creek Entrance Light 2	TRLB/STRUCT DEST	18652	SF-0153-15	34/15	
5410	San Francisco Bay North Channel Lighted Buoy A	TMK MISSING	18649		44/15	
5860	San Rafael Creek Light 7	LT IMCH	18652	SF-0176-15	41/15	
6165	Napa River Light 8	MISSING/TRLB	18654	SF-0123-14	34/14	
6325	Suisun Bay North Channel Light 2	TRLB/STRUCT DMGD	18657	SF-0004-14	01/14	
6557	Suisun Bay Channel Light 24A	TRLB/STRUCT DEST	18666	0389-13	35/13	
6630	New York Slough Light 7	TRLB/STRUCT DMGD	18659	0468-13	42/13	
6645	New York Slough Light 11	TRLB/STRUCT DEST	18659	SF-0014-14	02/14	
6760	San Joaquin River Light 25	TRLB/STRUCT DMGD	18660	SF-0083-15	21/15	
6855	San Joaquin River Light 46	TRLB/STRUCT DMGD	18660	0351-13	32/13	
6865	San Joaquin River Light 47	TRLB/STRUCT DEST	18660	SF-0113-15	26/15	
7510	Sacramento River Deep Water Ship Channel Light 67	TRLB/DAYMK MISSING	18662	0565-13	50/13	
7885	Bodega Harbor Channel Daybeacon 22	TRUB/STRUCT DEST	18643	0669-12	01/13	
8320	Hookton Channel Light 8	TRLB/STRUCT DEST	18622	HB-0036-14	47/14	

DISCREPANCIES (FEDERAL AIDS) CORRECTED

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
3775	Santa Barbara Harbor Lighted Buoy 7	WATCHING PROPERLY	18725	LA-0150-15	42/15	44/15
6434	Point Edith Crossing Range Rear Light	WATCHING PROPERLY	18658	SF-0192-15	44/15	44/15
8415	Lake Tahoe Lighted Danger Buoy B	WATCHING PROPERLY	18665	SF-0157-15	36/15	44/15

DISCREPANCIES (PRIVATE AIDS)

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
4303.1	San Francisco Marina West Basin Light 2	LT EXT	18650	SF-0193-15	44/15	
4401	Richardson Bay Daybeacon 8	DAYMK IMCH	18653	SF-0125-15	29/15	
4411	Richardson Bay Daybeacon 20	DAYMK IMCH	18649	SF-0126-15	29/15	

DISCREPANCIES (PRIVATE AIDS) CORRECTED

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
5470	Berkeley Marina South Light	WATCHING PROPERLY	18649	SF-0191-15	44/15	44/15
6120	Vallejo Marina South Entrance Light 2	WATCHING PROPERLY	18655		41/15	44/15

PLATFORM DISCREPANCIES

Name	Status	Position	BNM Ref.	LNM St	LNM End
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None

PLATFORM DISCREPANCIES CORRECTED

Name	Status	Position	BNM Ref.	LNM St	LNM End
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None

SECTION III - TEMPORARY CHANGES and TEMPORARY CHANGES CORRECTED

This section contains temporary changes and corrections to Aids to Navigation for this edition. When charted aids are temporarily relocated for dredging, testing, evaluation, or marking an obstruction, a temporary correction shall be listed in Section IV giving the new position.

TEMPORARY CHANGES

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
296	NOAA Environmental Lighted Buoy 46044	DISCONTINUED	18680	SF-0068-15	18/15	
448	Dart Tsunami Warning Lighted Buoy Station 46411	DISCONTINUED	18010	HB-0001-15	01/15	
2289.3	Scripps Del Mar Lighted Research Buoy	DISCONTINUED	18765	NONE	17/15	
4095	Santa Cruz Harbor Lighted Buoy 2	DISCONTINUED	18685		44/15	

TEMPORARY CHANGES CORRECTED

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
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None

PLATFORM TEMPORARY CHANGES

Name	Status	Position	BNM Ref.	LNM St	LNM End
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None

PLATFORM TEMPORARY CHANGES CORRECTED

Name	Status	Position	BNM Ref.	LNM St	LNM End
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None

SECTION IV - CHART CORRECTIONS

This section contains corrections to federally and privately maintained Aids to Navigation, as well as NOS corrections.

This section contains corrective actions affecting chart(s). Corrections appear numerically by chart number, and pertain to that chart only. It is up to the mariner to decide which chart(s) are to be corrected. The following example explains individual elements of a typical chart correction.

Chart Number	Chart Edition	Edition Date	Last Local Notice to Mariners	Horizontal Datum Reference	Source of Correction	Current Local Notice to Mariners
12327	91st Ed.	19-APR-97	Last LNM: 26/97	NAD 83		27/97
Chart Title: NY-NJ-NEW YORK HARBOR - RARITAN RIVER						
Main Panel 2245 NEW YORK HARBOR					CGD01	
(Temp) ADD	NATIONAL DOCK CHANNEL BUOY 3				at 40-41-09.001N 074-02-48.001W	
	Green can					
Corrective Action	Object of Corrective Action				Position	

(Temp) indicates that the chart correction action is temporary in nature. Courses and bearings are given in degrees clockwise from 000 true.

Bearings of light sectors are toward the light from seaward. The nominal range of lights is expressed in nautical miles (NM) unless otherwise noted.

18749	44th Ed.	01-OCT-15	Last LNM: 21/09	NAD 83	44/15
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Chart Title: San Pedro Bay; Anaheim Bay Huntington Harbor

Main Panel 1902 SAN PEDRO BAY. Page/Side: A

NEW EDITION	Scale 1: 20,000; New Edition (44 ed, 10/01/15) due to hydrographic changes, topographic changes, various general changes This NOAA chart is now available in both the Print-on Demand and digital raster formats. See http://nauticalcharts.noaa.gov/mcd/dole.htm for details.	NOS	--	--
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SECTION V - ADVANCE NOTICES

This section contains advance notice of approved projects, changes to aids to navigation, or upcoming temporary changes such as dredging, etc. Mariners are advised to use caution while transiting these areas.

SUMMARY OF ADVANCED APPROVED PROJECTS

Approved Project(s)	Project Date	Ref. LNM
None		

Advance Notice(s)

LA/LB-LED CONVERSION

The U.S. Coast Guard is planning to change San Nicolas Island East End Light (LLNR 2590) to an LED with a 5nm range. Advanced notice of implementation will be provided once scheduled. Direct any questions to LTJG Leslie Stenkamp at 510-437-3801 or Leslie.A.Stenkamp@uscg.mil.
Charts: 530 18020 18022 18740 18755 LNM: 40/15

LA/LB-LED CONVERSION

The U.S. Coast Guard is planning to permanently change Point Vicente Light (LLNR 170) to an LED with a 14nm range. Advanced notice of implementation will be provided once scheduled. Direct any questions to LTJG Leslie Stenkamp at 510-437-3801 or Leslie.A.Stenkamp@uscg.mil.
Charts: 18020 18022 18740 18746 LNM: 34/15

SACRAMENTO RIVER-ATON DISCONTINUANCE

The U.S. Coast Guard is planning to discontinue Sacramento River Deep Water Ship Channel Light 67 (LLNR 7510). Advanced notice of implementation will be provided once scheduled. Direct any questions to LTJG Leslie Stenkamp at 510-437-3801 or Leslie.A.Stenkamp@uscg.mil.
Chart 18662 LNM: 33/14

SAN FRANCISCO BAY-AIS UPGRADE

The U.S. Coast Guard is planning to add a Physical AIS (Automatic Identification System) to the following aids:

Shouthampton Shoal Channel Lighted Buoy 1 (LLNR 5640)
Shouthampton Shoal Channel Lighted Buoy 2 (LLNR 5645)

A Physical AIS will be added onto the existing physical aid to navigation. Vessels with AIS capable systems will be able to see the symbology and other information on their displays. For more information about AIS, Mariners can go to the U.S. Coast Guard Navigation Center website page <http://www.navcen.uscg.gov/?pageName=AISmain>.

SAN FRANCISCO BAY-CARQUINEZ STRAIGHT-ATON DISCONTINUANCE

The U.S. Coast Guard is planning to discontinue Carquinez Light 22 (LLNR 6235). Advanced notice of implementation will be provided once scheduled. Direct any questions to LTJG Leslie Stenkamp at 510-437-3801 or Leslie.A.Stenkamp@uscg.mil.

Charts: 18652 18656 18657

LNM: 09/15

SAN FRANCISCO BAY-LED CONVERSION

The U.S. Coast Guard is planning to change San Francisco Approach Lighted Whistle Buoy SF (LLNR 360) to an LED with a 4nm range. Advanced notice of implementation will be provided once scheduled. Direct any questions to LTJG Leslie Stenkamp at 510-437-5984 or Leslie.A.Stenkamp@uscg.mil.

Charts: 18007 18020 18022 18640 18645 18649

LNM: 07/15

SAN JOAQUIN RIVER-AID ESTABLISHMENT

The U.S. Coast Guard is planning to permanently establish a lighted buoy on the east side of San Joaquin River across from San Joaquin River Light 56 (LLNR 6890). This aid will be established at approximate position: 38-04-07.54N 121-33-31.76W. Direct any questions to LTJG Leslie Stenkamp at 510-437-3801 or Leslie.A.Stenkamp@uscg.mil.

Charts: 18660 18661

LNM: 16/15

SECTION VI - PROPOSED CHANGES

Periodically, the Coast Guard evaluates its system of aids to navigation to determine whether the conditions for which the aids to navigation were established have changed. When changes occur, the feasibility of improving, relocating, replacing, or discontinuing aids are considered. This section contains notice(s) of non-approved, proposed projects open for comment. SPECIAL NOTE: Mariners are requested to respond in writing to the District office unless otherwise noted (see banner page for address).

PROPOSED WATERWAY PROJECTS OPEN FOR PUBLIC COMMENT

<u>Proposed Project(s)</u>	<u>Closing</u>	<u>Docket No.</u>	<u>Ref. LNM</u>
None			

Proposed Change Notice(s)**LONG BEACH-SANTA CATALINA ISLAND-LED CONVERSION**

The U.S. Coast Guard is proposing to change Ship Rock Light (LLNR 2635) to an LED with a 5nm range. Direct any questions, comments, or feedback no later than 27 Nov 15 to LTJG Leslie Stenkamp at 510-437-3801 or Leslie.A.Stenkamp@uscg.mil.

Charts: 18020 18022 18740 18746 18757

LNM: 43/15

SECTION VII - GENERAL

This section contains information of general concern to the Mariners. Mariners are advised to use caution while transiting these areas.

CALIFORNIA COAST-WHALES

NOAA is asking for the public's help in tracking whales. If you see whales, record the date and location, number of whales, species (if known) and a description of the animals. Please email the information to whales@noaa.gov.

Please report collisions with whales, any observed injured whales, or dead whales to NOAA at 877-SOS-WHALE (877-767-9425) or to the U.S. Coast Guard on VHF-FM Chan. 16.

Whales are federally protected under the Endangered Species Act (16 U.S.C. 1538 et seq.), the Marine Mammal Protection Act (16 U.S.C. 1361 et seq.), and the National Marine Sanctuaries Act (16 U.S.C. 1431 et seq.).

Charts: 18007 18022

LNM: 49/14

DELTA & RIVERS-CARQUINEZ STRAIT-AMPORT BENICIA PIER-DREDGING

Dutra Construction Company is conducting continuous dredging operations near Amport Benicia Pier at 38-02-30.55N 122-08-01.46W until 30 Nov 15. Dredged material will be disposed of at the Montezuma Wetland, Winters Island, and SF-09 disposal sites. Clamshell dredges DB BEAVER; along with tugs SARAH REED and TROJAN will be on site monitoring VHF-FM Chan. 13, 14, and 82. Mariners are requested to transit the area with caution. For more details or comments contact Dredge Superintendent Dennis Salyers at 415-497-5289.

Chart 18657

LNM: 41/15

DELTA & RIVERS-DELTA CROSS CHANNEL-CHINOOK SALMON CAPTURE AND MONITORING OPERATIONS

The Bureau of Reclamation will be conducting fall-run Chinook salmon capture, tagging, and monitoring device installations Mon-Fri, until 13 Nov 15 in the vicinity of Delta Cross Channel and Deadhorse Island. There will be 11 acoustic telemetry devices and four biosonic DTX hydroacoustic stations installed. Two fyke nets and trammel nets will be fished couple times a week during this time frame and will be marked by floating buoys.

DELTA & RIVERS-DELTA CROSS CHANNEL-CHINOOK SALMON CAPTURE AND MONITORING OPERATIONS

For more details or comments contact Zachary Sutphin at 303-328-8597.

Charts: 18661 18662

LNM: 34/15

DELTA & RIVERS-DISCOVERY BAY-WERNER DREDGER CUT-BRIDGE

ORWOOD RD BRIDGE REPLACEMENT- A temporary trestle between the existing bridge and the pipeline bridge had been erected to facilitate construction of the replacement bridge. A temporary orange boom has been placed on the south side of the existing bridge to the north side of the EBMUD pipeline bridge. The piers of the pipeline bridge and the piers of the existing Orwood Rd Bridge will be lighted at night with fixed red lights (see Orwood_Lighting_Diagram.pdf in enclosure section). A 17ft wide navigation channel has been established on the eastern portion of the project site for the transit of vessels. For more details or comments contact the Coast Guard Project Manager at 510-437-3515.

Chart 18661

LNM: 25/15

DELTA & RIVERS-LOWER COLORADO RIVER- LAKE HAVASU-MARINE EVENT

HITS Inc will sponsor HITS Triathlon Series Thompson Bay from 0700-1300 on 07-08 Nov 15. This two day event will consist of approximately 550 participants swimming a designated course within Thompson Bay. Mariners are requested to transit the area with caution. For more details or comments contact John Eickman at 845-247-7275 ext. 305.

LNM: 43/15

DELTA & RIVERS-RIVER BARRIER-REMOVAL OPERATIONS

The California Department of Water Resources is conducting river barrier removal operations at the following sites:

Middle River-16 -24 Nov 15

Old River- 02-18 Nov 15

Grant Line Canal-02-25 Nov 15

Fall Head of Old River-09-18 Nov 15

Mariners are requested to transit the areas with caution. For more details or comments contact Mike Abioui at 916-653-6027.

Chart 18661

LNM: 44/15

DELTA & RIVERS-SACRAMENTO-FISH TRAPPING OPERATIONS

Pacific States Marine Fisheries Commission employees will be deploying fish traps from the west levee of the Sacramento River along South River Road into the Sacramento River until 31 May 16. Seven traps will be deployed between the upstream confluence of the Deep Water Channel and the Sacramento River, West Sacramento, CA, and the Freeport Bridge, Freeport, CA. Traps are fished within 45ft of the water/levee interface and so are not in the main navigation area of the river channel. The trap sites will be marked with two can buoys labeled danger and marked with reflective tape within 100ft of the trap location. The traps will be marked with a pair of crab trap buoys anchored to the trap itself to help mariners identify and avoid the specific trap location. CDFW Research vessels 22ft North River skiff and a 23ft Sea Ark skiff will be monitoring VHF-FM Chan. 16. Mariners are requested to transit the area with caution. For further comments or details contact Brian Poxon at 916-372-1600 or Jonathan Nelson at 916-445-4506 or 916-708-2333.

Chart 18661

LNM: 44/15

DELTA & RIVERS-SAN JOAQUIN RIVER-CONSTRUCTION

Dutra Construction will be removing the existing stone barrier and the 40ft sheet pile extending into the channel from both banks of West False River between Jersey and Bradford Island. Work will be conducted for 24 hours a day until 25 Nov 15. Tugs and barges will be transiting through Three Mile Slough Bridge at all hours heading to and from Dutra Rio Vista. Crane Barges CB 8, DB 3, and CB 1; along with six flat deck barges and assorted smaller work boats will be on site monitoring VHF Chan. 16 and 07A. Floating caution signs will be deployed and construction signs will be placed both upstream and downstream of the construction area. Mariners are advised that this waterway will be blocked by the construction activity. For more details or comments contact Todd Bruce at 415-258-6876. For a detailed diagram of the rock barrier and associated sheet pile being removed, see False_River_Barrier.pdf in the enclosure section.

Chart 18660

LNM: 34/15

DELTA & RIVERS-SAN JOAQUIN RIVER-DREDGING

Ross Island Sand & Gravel Co. will conduct maintenance dredging operations in Stockton Deep Water Ship Channel between 38-01-20N 121-48-28W and 38-05-17N 121-40-47W until 13 Dec 15. The dredged material will be placed at the following disposal sites:

Antioch Dunes DMPS

Scour Pond DMPS

McCormack DMPS

Bradford DMPS

Vessel DREDGE 8 will be on site monitoring VHF-FM Chan. 13, 16, and 79. Mariners are requested to transit the area with caution. For more details or comments contact Rod Oliva at 503-349-7436.

Chart 18661

LNM: 42/15

DELTA & RIVERS-SNODGRASS SLOUGH-BRIDGE

TWIN CITIES ROAD DRAWBRIDGE- Secured closed-to-navigation due to damage from land traffic. The bridge provides approximately 17ft vertical clearance above mean high water when closed. ETR is unknown. For more details or comments contact the District Bridge Administrator at 510-437-3516.

Chart 18662

LNM: 22/15

DELTA & RIVERS-STOCKTON-DREDGING

Pierside dredging will be conducted in the Port of Stockton at 37-57-25N 121-21-30W 24 hours daily until 11 Nov 15. Mariners are requested to

DELTA & RIVERS-STOCKTON-DREDGING

transit the area with caution. For more details or comments contact LTJG Christina Ramirez at 415-399-3585.

Chart 18663

LNM: 34/15

DELTA & RIVERS-SUISUN BAY-DREDGING

Curtin Maritime Corp will conduct continuous dredging operations in Suisun Bay at 38-04-05.9N 122-04-01.5W until 24 Nov 15. During the operations, a white buoy equipped with quick flashing light and reflective tape is temporarily placed as mooring for the tug. Tug TAURUS will be on site monitoring VHF-FM Chan. 13, 14, and 16. Mariners are requested to transit the area with caution, minimize wake, and make arrangements with dredge vessels prior to passing. For more details or comments contact Steve Chew at 562-666-6971 or Sam Bice at 206-550-3916.

Chart 18656

LNM: 43/15

DELTA & RIVERS-SUISUN BAY-MONTEZUMA SLOUGH SALINITY CONTROL GATES-TEMPORARY CLOSURE

The California Department of Water Resources will be suspending boat lock operations at the Suisun Marsh Salinity Control Gates, located 2.2 nautical miles from the easterly end of Montezuma Slough in position 38-05-36N 121-53-07W on 09-10 Nov 15. The Boat Lock will be closed to boat traffic due to repairs. Mariners are requested to transit the area with caution and use the Maintenance Channel on the east side of the channel. For more details or comment contact Dan Yamanaka at 916-574-0456.

Chart 18656

LNM: 44/15

DELTA & RIVERS-THREE MILE SLOUGH-BRIDGE

STATE ROUTE 160 DRAWBRIDGE- A containment system is installed on the underside of the non-movable sections of the drawbridge, reducing vertical clearance by 04ft until 14 Jul 16. The containment system is lighted at night with red lights. The drawbridge will operate normally for vessel traffic until 05 Jan 16, when it will be secured closed to navigation and containment reducing vertical clearance by 4ft will be installed across the entire bridge. The lift span is scheduled to resume normal operation by 10 Apr 16. A drawbridge operator will remain on the bridge to communicate with mariners. For more details or comments contact the Coast Guard Bridge Office at 510-437-3516.

Chart 18661

LNM: 44/15

ESTERO BAY-CAYUCOS-MARINE CONSTRUCTION

Associated Pacific Constructors Inc. will conduct marine construction at the Cayucos Pier in Cayucos, CA until December 2015. The project will consist of rehabilitation of the pier pilings, bracing, and decking. Mariners are requested to transit the area with caution. For more details or comments contact Mark Niggle at 805-234-2925.

Chart 18703

LNM: 39/14

LAKE TAHOE LOW WATER LEVEL

Drought conditions have resulted in unusually low water levels on Lake Tahoe. All mariners transiting upon Lake Tahoe are advised to use extreme caution while navigating within a half nautical mile of shore and near any charted hazards.

Chart 18665

LNM: 25/15

LONG BEACH-ANAHEIM BAY-TEMPORARY BUOY

The U.S. Coast Guard has established a temporary lighted buoy at 33-43-33.809N 118-06-02.318W to mark the end of the damaged Anaheim Bay East Jetty. The buoy displays a FL Red 2.5s characteristic. It will be discontinued when Anaheim Bay East Jetty Light 6 (LLNR 2805) is reestablished. Direct any questions to LTJG Leslie Stenkamp at 510-437-3801 or Leslie.A.Stenkamp@uscg.mil.

Chart 18749

LNM: 48/14

LONG BEACH-MIDDLE HARBOR-DEMOLITION

As part of the Middle Harbor Pier E Slip 1 Fill and D28 Demolition project, Manson Connolly Joint Venture (MCJV) has constructed an underwater containment dike in the East Basin of Middle Harbor at the Port of Long Beach. This dike is marked by two 5ft diameter yellow buoys placed approximately 200ft off of the centerline of the dike in 42.5ft of water. The dike will remain in place until further notice. See Long Beach Containment Dike.pdf in the enclosures section for a detailed diagram of dike layout. For more details or comments contact Project Manager Randy Maddox at 206-303-7186.

Chart 18751

LNM: 40/14

LOS ANGELES-MARINE CONSTRUCTION

The Port of Los Angeles is conducting pile driving operations to construct six dolphins at Berth 95 Port of Los Angeles until 30 Nov 15. DB-39 will deploy two anchors and crown buoys in the Los Angeles Main Channel at 33-45-00N 118-16-38W and 33-44-93N 118-16-42W and will be monitoring VHF-FM Chan. 13. For more details or comments contact Pile Driver Supervisor Otto Valencia at 310 892-7402.

Chart 18751

LNM: 40/15

LOS ANGELES-MARINE CONSTRUCTION

Manson Construction Company is conducting redevelopment operations at pier 214-220 Port of Los Angeles until September 2017. The project consists of installing a temporary access and floating platform at pier 224 extending 30ft from wharf face. Mariners are requested to transit the area with caution. For more details or comments contact Project Manager Randy Maddox at 206-303-7186 or Bryan Haynes at 562-983-2368.

Chart 18751

LNM: 40/15

LOS ANGELES-WHITE POINT-PIPELINE MAINTENANCE

Aqueos Corporation will be conducting underwater pipeline maintenance off of White Point until 30 Dec 15. The operation will include M/V DANNY C using an underwater remote operated vehicle and barge PTSI being in a 4-point moor while conducting Surface Supplied Diving Operations to install

LOS ANGELES-WHITE POINT-PIPELINE MAINTENANCE

anodes on the LACSD outfalls off of White Point. The M/V DANNY C will monitor VHF-FM Chan. 16 and via cell at 805-895-9005. Mariners are requested to transit the area with caution. For more details or comments contact Jason Smith at 805-205-3156.

Chart 18746

LNLM: 40/15

MARINA DEL REY-MARINE CONSTRUCTION

Bellingham Marine Industries will be conducting marine construction activities within Basin G, Parcel 47 and 44, and Parcel 55 until 01 Jun 16. Project work will consist of pile driving and floating dock installation. Dock sections and piles will be transported to Basin G from the Marina del Rey Boat Launch Facility. A John S. Meek Barge will be on scene monitoring VHF-FM Chan 16. Mariners are requested to transit the area with caution. For more details or comments contact Mark Secrest at 360-904-0535.

Chart 18748

LNLM: 32/15

MONTEREY BAY-GEOPHYSICAL SURVEY

The USGS Pacific Coastal and Marine Geology Science Center (PCMGSC) will be conducting a high resolution (low power) bathymetric survey of a 2km square area off of Santa Cruz, CA from 05-11 Nov 15. The operations will be in an area bounded by the following coordinates:

36-57-21.1N 122-00.53.9W

36-56-40.3N 121-59-46.4W

36-55-36.9N 122-00.48.9W

36-56-20.7N 122-01.52.2W

The 36ft aluminum USGS research vessel PARKE SNAVELY will monitor VHF-FM Chan. 13 and 16. For more details or comments contact Jenny White at 831-460-7485.

Chart 18680

LNLM: 43/15

MONTEREY BAY-MOSS LANDING-ROV OPERATIONS

The Monterey Bay Aquarium Research Institute (MBARI) will conduct continuous, unmanned maritime vehicle data collection operations off of Moss Landing between 36-41-27N 122-42-00W and 35-07-14N 122-58-35W until 20 Nov 15. The Wave Glider is designed to conduct scientific data collection operations. It carries no fuel, lubricants, or hydrocarbons. It is wave powered, remotely attended from our Wave Glider Operations Center (WGOC), moving at speeds of around 1kt, and designed to give way or part if encountered by a vessel. The vehicle is approximately 6.5ft x 2ft (surfboard size), yellow in color, with a contact plaque and mast extending 1 meter above the water surface supporting a flag. Mariners are requested to transit the area with caution. For more details or comments contact MBARI at 831-775-1700 wavglider@listserver.mbari.org or Liquid Robotics 24/7 WGOC Operations Center at 888-574-4574 / 408-636-4205.

Chart 18685

LNLM: 41/15

MORRO BAY-SURVEY OPERATIONS

Fugro Pelagos, Inc. will be conducting side scan sonar surveys off of Morro Bay during daylight hours until 25 Nov 15. The survey area extends from the shoreline and encompasses an area bounded by the following coordinates:

35-23-34N 120-52-55W

35-22-54N 120-53-14W

35-22-21N 120-51-50W

35-22-58N 120-51-51W

R/V JULIE ANN THEORY will be towing up to 100ft of cable during mapping operations. JULIE ANN will monitor VHF-FM Chan. 16 while conducting Survey Operations. For more details or comments contact Project Manager Eddie Stutts at 805-650-7000.

Chart 18700

LNLM: 40/15

NAVARRO RIVER-BRIDGE

Caltrans is conducting maintenance on the CA Route 1 bridge. Scaffolding hangs below low steel of the bridge, reducing vertical clearance by approximately 6 ft. It is anticipated the scaffolding will be removed by 15 Nov 2015. Mariners are to use caution when transiting the bridge. For further information contact the Coast Guard Project Manager at (510) 437-3515.

Chart 18620

LNLM: 41/15

PETALUMA RIVER-BRIDGE

HAYSTACK LANDING RAILROAD BRIDGE REPLACEMENT PROJECT- The swing span and pedestal of the existing being replaced bridge has been removed from the waterway. Construction of fendering, behind the existing fendering, for the replacement bridge is in progress, as well as removal of the being-replaced fenders. For more details or comments contact the Coast Guard Project Manager at 510-437-3515.

Chart 18654

LNLM: 32/15

PETALUMA RIVER-BRIDGE

U.S. 101 BRIDGE REPLACEMENT PROJECT- From 2100 on 10 Nov 2015 to 0600 on 11 Nov 2015, Caltrans' contractor will be hoisting 20 girders, from the replacement bridge deck, over the river onto the replacement structure's southbound lanes. The safety vessel "Aaron Hale" will be on-scene to stop vessels from approaching the bridge during the duration of the hoist and placement. Mariners can contact the "Aaron Hale" on VHF-FM 16 and 13 to inquire about the conditions at the construction site. All mariners are requested to stay clear of the area when girder placement is taking place.

Temporary cofferdams have been installed around the being-replaced bridge to facilitate the removal of the piers. The temporary cofferdams protrude into the channel approximately 4ft on each side reducing the horizontal clearance down to 92ft. The corners of the temporary cofferdams are lighted at night with steady burning red lights. Heavy equipment tires are attached to the cofferdams to act as fendering. (See enclosure PetalumaPierCofferdam2 at the end of this notice). Construction of the replacement bridge and demolition of the being-replaced bridge continues Mon-Fri during daylight hours, and should be completed by February 2016. Caltrans has installed cofferdams behind the existing pier

PETALUMA RIVER-BRIDGE

protection to facilitate substructure construction. The southeast cofferdam encroaches approximately 1ft into the navigation channel. The southeast and northwest cofferdams protrude upstream and downstream of the existing pier protection and the corners are lighted at night with fixed red lights (see enclosure CofferdamLighting_US101_Petaluma.pdf at the end of this notice). For more details or comments please contact the Coast Guard Project Manager at 510-437-3515.

Chart 18654

LNM: 26/13

POINT ARGUELLO TO DANA POINT-WHALES

NOAA recommends vessels transiting the area between Point Arguello and Dana Point, including the Traffic Separation Schemes in the Santa Barbara Channel and San Pedro Channel, from May through November, should exercise caution and reduce speed. These areas contain populations of endangered blue, humpback and fin whales which are federally protected under the Endangered Species Act (16 U.S.C. 1538 et seq.), the Marine Mammal Protection Act (16 U.S.C. 1361 et seq.), and the National Marine Sanctuaries Act (16 U.S.C. 1431 et seq.). See Whale_Advisory_Zone.pdf in the enclosure section for more details.

NOAA strongly recommends that vessels 300 gross registered tons or larger transiting the Santa Barbara Channel traffic separation scheme in the area between Point Conception and San Pedro Point, Santa Cruz Island do so at speeds not in excess of 10 knots due to endangered whales in this area.

Additional information can be found at: http://channelislands.noaa.gov/management/resource/ship_strikes.html

NOAA is asking for the public's help in tracking whales. If you see whales, please record the date and location, the number of whales, the species (if known) and a description of the animals. Please email to whales@noaa.gov. Please report any collisions with whales or any observed injured or dead whales to NOAA at 877-SOS-WHALE (877-767-9425) or to the U.S. Coast Guard on VHF-FM Chan. 16.

Chart 18741

LNM: 20/15

POINT ARGUELLO-PIPELINE MAINTENANCE

Freeport –McMoran Oil and Gas and Aqueos Corporation will be conducting underwater pipeline maintenance and dive operations off of Point Arguello at 34-39-14.2N 120-40-16.9W from 07-20 Nov 15. The M/V CLEAN OCEAN will be on site monitoring VHF-FM Chan. 16. Mariners are requested to transit the area with caution. For more details or comments contact Patrick Vowell at 805-934-8215.

Chart 18721

LNM: 43/15

PORTS OF LOS ANGELES/LONG BEACH-CERRITOS CHANNEL-BRIDGE

REPLACEMENT SCHUYLER HEIM BRIDGE CONSTRUCTION - The existing being-replaced drawspan is secured in the closed-to-navigation position. While closed the bridge will provide approximately 30 feet of vertical clearance at Mean High Water. Beginning 26 Oct 15 Caltrans will place falsework across the channel to support the deck of the existing drawbridge in preparation for removal. The falsework will provide 75 feet of horizontal clearance and 5 feet of vertical clearance at Mean High Water at the center of the drawspan. Low steel of the falsework will be lighted at night with steady burning red lights. (see HeimDraw_Falsework.pdf at the end of this notice) Removal activities will take place Monday through Saturday, 24-hours a day. The falsework will be removed by 25 Nov 15 after the main span of the drawbridge has been removed.

Two temporary eastern trestles remain in place at the replacement bridge site. The main navigation span of the bridge, between the temporary trestles, provides 48.5ft of vertical clearance from the edge of the trestles to the lowest hittable part of the bridge and 75ft of horizontal clearance. The temporary trestles are lighted at night with fixed red lights (See Trestle_Lighting_Heim.pdf at the end of this notice). Portions of the eastern fenders on the existing bridge have been removed. The western portions of the fenders remain in place. Construction activities are taking place from 0700 to 1530, Mon-Fri until May 2017. For conditions at the bridge mariners can contact Caltrans at 213-792-5518, MCM Construction at 714-305-2725, or MCM Construction at 714-330-5370. Mariners are requested to transit the area with caution.

Chart 18749

LNM: 10/15

SAN CLEMENTE ISLAND-SAFETY ZONES

Mariners operating in the vicinity of San Clemente Island are reminded of the restricted waterway access surrounding San Clemente Island (33 CFR 165.1131; 33CFR 165.1141).

Since the inception of the regulations, numerous safety zone violations have been processed by Coast Guard Sector San Diego. Safety Zone Incursions put the public at risk and cause costly and unnecessary training delays, as well as range cancellations. Violators of the San Clemente Island Safety and Security Zones are subject to monetary penalties. Criminal penalties may also be issued for repeated Safety and/or Security Zone violations. Failure to comply with the federal regulations could result in civil penalties of up to \$40,000.00. Furthermore, if a mariner holds a Merchant Mariner Credential, suspension or revocation action may be pursued against the mariner's credential. For more details see MSSB 04-15 SCI Safety Zone.pdf in the enclosure section.

Chart 18762

LNM: 39/15

SAN DIEGO BAY-BRIDGE

CORONADO BRIDGE- Scaffolding installed at Span 14-15, west of the west main navigational channel, reduces the vertical clearance by not more than 9ft and is lighted at night with red lights. For more details or comments contact the Coast Guard Project Manager at 510-437-3515.

Chart 18773

LNM: 21/14

SAN DIEGO BAY-MARINE CONSTRUCTION

R. E. Staite Engineering Inc. will conduct marine construction operations at west berth of B Street Pier, Port of San Diego until 04 Apr 16. The work will consist of replacement and upgrade of the fender system at 32-43-02.8N 117-10-36.3W. Crane barge RES 150 will be on site monitoring VHF-FM Chan. 16. Mariners are requested to transit the area with caution and minimize wake in vicinity of the construction site. For more details or comments contact Project Manager Randahl Hagen at 619-233-0178.

SAN DIEGO BAY-MARINE CONSTRUCTION

Chart 18773

LNM: 41/15

SAN DIEGO BAY-MARINE CONSTRUCTION

Precon Marine Inc. will be conducting pile driving and diving operations in San Diego Bay at 32-40-55N 117-13-59W until 01 Apr 16. The operations consist of installing temporary piles and removing and replacing underwater sensors and cable in the channel north of buoys 11 and 12. A crane barge and tug TAMPA will be on site monitoring VHF-FM Chan. 06, 13 and 16. Mariners are requested to transit the area with caution. For more details or comments contact Herb Johnson at 757-449-3196.

Chart 18773

LNM: 42/15

SAN DIEGO BAY-SHIPYARD SEDIMENT SITE-DREDGING

R.E. Staite Engineering Inc. will be conducting sediment cleanup and dredging within the North Shipyard portion of the San Diego Shipyard Sediment Site until approximately 31 Mar 16. The project is located in the waterfront portion of San Diego Bay, eastward of 32-41-31N 117-08-51W and 32-41-27N 117-08-58W to the U.S. bulkhead line. Dredges DB PALOMAR, DB POINT LOMA, and RES 180 will be performing dredging operations with tugs KATHA C, KILLEEN and METOLA as well as support vessels JEANNIE R and JOHN DRAKE to assist the material and equipment barges to the work site. All will monitor VHF-FM Chan. 16. Mariners are requested to make arrangements with project vessels prior to passing, and proceed at a no wake speed. For more project details or comments contact Chad Carpenter at 619-233-0178.

Chart 18773

LNM: 34/14

SAN DIEGO TO MONTEREY BAY-DIVE OPERATIONS

The U.S. Navy Undersea Rescue Command (URC) will be conducting continuous diving operations from 05-27 Nov 15 at the following positions:

32-51-56N 117-26-30W

32-23-29N 118-20-04.01W

The HOS DOMINATOR will be on scene monitoring VHF-FM Chan. 16. Mariners are requested to transit the area with caution and directed to maintain a minimum safe distance of 01nm from the dive site, due to risk of entanglement. For more details or comments contact LT Charles Kreuzberger at 619-545-9188.

Chart 18765

LNM: 43/15

SAN DIEGO TO MONTEREY-GPS TESTING

GPS testing will be conducted at the China Lake, CA site with an approximate center point of 36-08N 117-38W and possible impact radius of 253nm from center point from 1630Z-2230Z on 03-04 Nov 15 and from 17-18 Nov 15. Mariners transiting this area may experience a disruption in their GPS signal. Systems that rely on GPS, such as E-911, AIS and DSC, may be unreliable during the test periods. More information is available on the Coast Guard Navigation Center website WWW.NAVCEN.USCG.GOV. GPS users are encouraged to report any GPS service outages to the Navigation Information service (NIS) at 703-313-5900, or by using the NAVCEN website to submit a GPS problem report. For more details or comments contact the Navigation Information Service (NIS) watch stander at 703-313-5900.

Chart 18022

LNM: 43/15

SAN DIEGO TO MORRO BAY-OCEANOGRAPHIC OPERATIONS

The CalCOFI Program from Scripps Institution of Oceanography will be conducting an oceanographic operations in the southern California Bight until 12 Nov 15. R/V OCEANUS will be conducting four net tows in the operating area. A marine mammal acoustics hydrophone will be towed 300 meters behind the ship 20 meters below water surface while transiting. OCEANUS will monitor VHF-FM Chan. 16 and can also be contacted via cell phone at 541-961-0593. For more details visit the project website at <http://calcofi.org/field-program/station-information/calcofi-sampling-area.html> and <http://www.calcofi.org/field-work/station-positions.html>.

Chart 18022

LNM: 42/15

SAN DIEGO-DEL MAR-LOS PEÑASQUITOS LAGOON-BRIDGE

NORTH COUNTY TRANSIT DISTRICT RAILROAD BRIDGE- Work has begun to replace the existing railroad bridge. A temporary bridge will be erected alongside the existing bridge to facilitate construction of the replacement bridge. For more details or comments contact the Coast Guard Project Manager at 510-437-3515.

Chart 18765

LNM: 31/15

SAN DIEGO-DEL MAR-SAN DIEGUITO RIVER-BRIDGE

NORTH COUNTY TRANSIT DISTRICT RAILROAD BRIDGE- Maintenance work has begun on the bridge. A yellow boom will surround the bridge from the southern abutment to pier 27 to the north. Waterway users can transit the bridge north of the yellow boom. Mariners are requested to transit the area with caution. See NCTD enclosure at the end of this announcement for all temporary obstructions to navigation. For further information, mariners can contact the Coast Guard Project Manager at 510-437-3515.

Chart 18765

LNM: 33/15

SAN DIEGO-HAZARDOUS OPERATIONS

The U.S. Navy will conduct continuous hazardous operations from 0001-2359 daily until 30 Nov 15, in an area bound by the following coordinates:

32-33N 118-25W

32-35N 118-16W

32-35N 117-40W

31-55N 117-40W

31-55N 118-25W

32-33N 118-25W

Mariners are requested to transit the area with caution. For more details or comments contact FACSAC schedules at 619-545-1757.

SAN DIEGO-HAZARDOUS OPERATIONS

Charts: 18740 18762

LNM: 43/15

SAN DIEGO-IMPERIAL BEACH-WAVE MEASUREMENT STATION

Scripps Institution of Oceanography has deployed a waverider buoy 3.37nm west of Imperial Beach at 32-34-59N 117-12-12W. The buoy is a 3ft diameter sphere with an attached telemetry whip antenna and is lighted with a flashing yellow light. The light timing sequence is a series of 5 flashes at 1 second intervals with a period of 20 seconds between each series. Visual range is one kilometer. The buoy is painted yellow and marked "Wave Buoy" with the phone number 858-534-3032.

Chart 18772

LNM: 40/15

SAN DIEGO-LA JOLLA-RESEARCH BUOY ARRAY

Scripps Institution of Oceanography has deployed an array of research buoys off of Point La Jolla. There are six white spheres and six green cylinders, all submerged to depths varying from 18 inches to 16ft. The array is located within an area marked by yellow, radar reflective surface buoys lighted with a FI Y 4s characteristic. The surface buoys are located at the following positions:

32-52-54.08N 117-16-09.61W
32-52-52.06N 117-16-14.85W
32-52-39.50N 117-16-20.48W
32-52-28.20N 117-16-08.06W
32-52-30.37N 117-16-02.32W
32-52-43.63N 117-16-01.82W

The buoys will remain on scene until further notice. Mariners are requested to remain clear of the array and transit the nearby area with caution. For more details or comments contact Lisa Hazard at 858-822-2873.

Chart 18740

LNM: 06/15

SAN DIEGO-OCEANOGRAPHIC OPERATIONS

The Scripps Institution of Oceanography research vessel ROBERT GORDON SPROUL will conduct oceanographic operations on 07 and 14 Nov 15 within the area bounded by the following coordinates:

32-53N 117-44W
32-37N 117-44W

Operations will include mooring operations, hydro-casts and a profiling float (surface to floor) as well as underway sampling using towed sub-surface nets. R/V SPROUL will be on site monitoring VHF-FM Chan. 13 and 16. Mariners are requested to transit the area with caution. For more details or comments contact Chris Welton at master@rv-sproul.ucsd.edu, or Lisa Levin at llevin@ucsd.edu.

Chart 18022

LNM: 44/15

SAN DIEGO-OCEANOGRAPHIC OPERATIONS

R/V ROBERT GORDON SPROUL will conduct routine maintenance on an oceanographic buoy at 32-54N 117-18W on 12-13 Nov 15. During the surface to floor operations with tethered over-the-side equipment will take place within 0.5nm of the operating area. R/V SPROUL will be on scene monitoring VHF-FM Chan. 13 and 16. Mariners are requested to transit the area with caution and maintain a safe distance of 0.5nm. For more details or comments contact Eric Buck at 858-534-5568.

Chart 18765

LNM: 42/15

SAN DIEGO-OCEANOGRAPHIC OPERATIONS

The Scripps Institution of Oceanography research vessel ROBERT GORDON SPROUL will conduct oceanographic operations until 04 Nov 15 within the area bounded by the following coordinates:

33-17N 122-52W
33-41N 122-08W

Operations will include mooring operations, hydro-casts and a profiling float (surface to floor) as well as underway sampling using towed sub-surface nets and towed acoustic array. A new subsurface mooring will be installed at 33-28-48N 122-34-30W with the shallowest component at depth of 750m. R/V SPROUL will be on site monitoring VHF-FM Chan. 13 and 16. Mariners are requested to transit the area with caution. For more details or comments contact Chris Welton at master@rv-sproul.ucsd.edu, or Dr. Simone at 858-534-7280.

Chart 18022

LNM: 43/15

SAN DIEGO-OFFSHORE-ROV OPERATIONS

Liquid Robotics, Inc. (www.liquidr.com) will conduct continuous, unmanned maritime vehicle data collection operations in the vicinity of 32-32-00N 120-30-00W until approximately 20 Nov 15. The Wave Glider is designed to conduct scientific data collection operations. It carries no fuel, lubricants, or hydrocarbons. It is wave powered, remotely attended from our Wave Glider Operations Center (WGOC), moving at speeds of around 1kt, and designed to give way or part if encountered by a vessel. The vehicle is approximately 7ft x 2ft (surfboard size), yellow in color, with a contact plaque and mast extending 1 meter above the water surface supporting a flag. Mariners are requested to transit the area with caution. For more details or comments contact Liquid Robotics 24/7 WGOC Operations Center at 888-574-4574, 408-636-4205, or email support@liquidr.com with your inquiries.

Chart 18765

LNM: 07/15

SAN DIEGO-POINT LOMA-MARINE CONSTRUCTION

Marathon Construction will conduct pile driving and floating dock installation operations until 01 Nov 15 in the vicinity of Naval Base Point Loma at 32-42-12.5N 117-14-09W. Mariners are requested to transit the area with caution. For more details or comments, contact Danny Kasik at 619-699-9639.

Chart 18773

LNM: 32/15

SAN DIEGO-ROV OPERATIONS

Johns Hopkins University Applied Physics Lab will be conducting unmanned maritime vehicle operations off of San Diego from 03-10 Nov 15. The Wave Glider vehicle will operate in an area bounded by the following coordinates:

32-18-30N 117-44W

32-18N 117-43W

The vehicle is a low-profile wave glider approximately 10 ft by 2 ft, with four 2-ft tall antennas with orange flag and displays a solid white light at night. Connected to the wave glider are two submerged craft approximately 25 ft below the water surface, one directly below the wave glider and one towed 16 ft behind. USNS WATERS will be on site for a portion of the testing monitoring VHF-FM Chan. 13 and 16. Mariners are requested to transit the area with caution. For more details or comments contact Jim Kresge at 240-228-0352 or wave glider pilots via Iridium at 011-8816-3264-6715.

Chart 18022

LNM: 43/15

SAN DIEGO-SANTA BARBARA-GEOPHYSICAL SURVEY

The USGS Pacific Coastal and Marine Geology Science Center (PCMGC) will be conducting a geophysical survey off of Goleta to Point Mugu beaches until 31 Mar 16. The operations will be a bathymetric survey using a 200 kHz single beam echo sounder mounted on a personal watercraft (jet ski). Two personal watercraft will be used to conduct cross shore transects from within the surf zone out to 12nm from shore. At least one survey will be conducted near the beginning of the project period to document end-of-summer near shore bathymetric conditions prior to arrival of winter waves. Up to three additional surveys may be conducted in response to large wave and/or river discharge events if they occur. For more details or comments contact George Tate at 831-460-7484.

Chart 18022

LNM: 36/15

SAN FRANCISCO BAY- CARQUINEZ STRAIT-BENICIA MARINA-DREDGING

Salt River Construction Corporation will conduct dredging operations in Benicia Marina at 38-02-37N 122-09-26W during daylight hours until 30 Nov 15. The self contained dredge/dump barge DB1 and tug HAYDEN BAY will be on site monitoring VHF-FM Chan. 13, 14, and 77. Mariners are requested to transit the area with caution. For more details or comments contact Rick Moseley at 415-435-1024.

Chart 18657

LNM: 32/15

SAN FRANCISCO BAY-BRISBANE LAGOON-MARINE CONSTRUCTION

Dutra Construction Company will conduct marine construction operations along western shore of San Francisco Bay near the north end of Brisbane Lagoon during daylight hours through November 2015. The construction work consists of coating repair and placement of additional cover over two petroleum product pipelines located near the shore of Brisbane, CA. The work area will span approximately 1800ft of shoreline in an area bound by the following coordinates:

37-53-21N 122-19-24W

37-53-22N 122-18-57W

37-53-18N 122-19-24W

37-53-17N 122-18-57W

Large construction equipment along with miscellaneous work skiffs will be utilized on this project. The divers and the barge crew will monitor VHF-FM Chan. 07A and 16. Mariners are requested to transit the area with caution and minimize wake in the vicinity of the construction site. For more details or comments contact Jason Tse at 415-300-5336.

Chart 18652

LNM: 40/15

SAN FRANCISCO BAY-BRISBANE MARINA-DREDGING

Dutra will conduct continuous dredging operations in the Brisbane Entrance Channel and Marina at 37-40-21N 122-22-11W until 30 Nov 15. Dredging within the marina will be limited to the hours of 0700-1900 weekdays and 0900-1700 on weekends. Dredged material will be disposed of at the SF-11 disposal site. A temporary mooring buoy will be established at 37-40-36N 122-21-51W for the duration of the project. The mooring buoy is 10ft round, white with a blue stripe, and lighted at night with a FI W 4s characteristic. Clamshell dredges DB 24 and DB 23; along with and tug BECKY T will monitor VHF-FM Chan. 13, 14, and 80. Mariners are requested to transit the area with caution. For more details or comments contact Operations Manager Dennis Salyers at 415-497-5289.

Chart 18649

LNM: 20/15

SAN FRANCISCO BAY-CARQUINEZ STRAIT-BRIDGE

BENICIA/MARTINEZ I-680 HIGHWAY BRIDGE- A 160ft wide paint scaffolding installed in the second over water span from the north bank of the downstream I-680 bridge will be moved 135ft south in the same span and will remain in position until 31 Mar 16. The scaffolding reduces vertical clearance by approximately 4ft and is lighted at night with red lights. For more details or comments contact the District Bridge Administrator at 510-437-3516.

Chart 18657

LNM: 33/15

SAN FRANCISCO BAY-CLIPPER YACHT HARBOR-DREDGING

Dutra will conduct continuous dredging operations in Clipper Yacht Harbor, Sausalito at 37-52-16N 122-29-46W until 30 Nov 15. Dredged material will be disposed of at the SF-10 and SF-11 disposal sites. Clamshell dredge DB 3; along with tugs SEA W and TERRI L. BRUSCO will monitor VHF-FM Chan. 13, 14, and 80. Mariners are requested to transit the area with caution. For more details or comments contact Operations Manager Dennis Salyers at 415-497-5289.

Chart 18649

LNM: 38/15

SAN FRANCISCO BAY-DETERIORATING CONCRETE PILINGS

Deteriorating concrete pilings above and below the waterline are present in the vicinity of the the south edge of the Southampton Shoal Light (LLNR 5480). Mariners are advised to use caution when transiting this area. Direct any questions to LTJG Leslie Stenkamp at 510-437-3801 or Leslie.A.Stenkamp@uscg.mil.

SAN FRANCISCO BAY-DETERIORATING CONCRETE PILINGS

Charts: 18649 18652

LNM: 23/15

SAN FRANCISCO BAY-DREDGING

Salt River Construction will conduct dredging operations in the Paradise Cay Homeowners Channel at 37-54-53N 122-28-32W until 30 Nov 15. The dredge/dump barges DB1 and DB2, along with tug IRENE LAURITZEN will monitor VHF-FM Chan. 13, 14, and 77. There will be a 150ft silt curtain extending to the north from the Trinidad Drive Spit. Mariners are requested to transit the area with caution. For more details or comments contact Rick Moseley at 415-435-1024.

Chart 18653

LNM: 28/15

SAN FRANCISCO BAY-ISLAIS CREEK CHANNEL-MARINE CONSTRUCTION

Dutra will conduct pile driving and concrete work on the south side of Islais Creek between the Illinois St. Bridge and the Third St. Bridge during daylight hours until April 2016. Crane barge KELSO will be on site monitoring VHF-FM Chan. 16. Mariners are requested to transit the area with caution. For more details or comments contact Valerie Daley at 415-686-9417.

Chart 18650

LNM: 48/14

SAN FRANCISCO BAY-LARKSPUR CREEK-DREDGING

Salt River Construction is conducting dredging operations in Larkspur Creek Homeowner Channel at 37-56-26.21N 122-31-07.72W until 30 Nov 15. The self-contained dredge/dump barge DBI and tug IRENE LAURITZEN will be on site monitoring VHF-FM Chan. 13, 14, and 77. Mariners are requested to transit the area with caution. For more details or comments contact Rick Moseley at 415-435-1024.

Chart 18649

LNM: 41/15

SAN FRANCISCO BAY-LARKSPUR-DREDGING

Dutra will conduct continuous dredging operations in the Larkspur Ferry Terminal Berths and Larkspur Channel at 37-56-41N 122-30-29W until 30 Nov 15. The mooring buoy is 10ft round, white with a blue stripe, and lighted at night with a FI W 4s characteristic. Dredging within the berths will be limited to the hours of 0700-2100. Dredged material will be disposed of at the SF-11 and SF-DODS disposal sites. Clamshell dredges DB 24 and DB 3; along with tugs ARTHUR BRUSCO and HEIDI L will monitor VHF-FM Chan. 13, 14, and 80. Mariners are requested to transit the area with caution. For more details or comments contact Operations Manager Dennis Salyers at 415-497-5289.

Chart 18649

LNM: 25/15

SAN FRANCISCO BAY-OAKLAND ESTUARY-BRIDGE

HIGH STREET DRAWBRIDGE- The drawspan will be partially secured in the closed-to-navigation position, Mon-Fri 0930-1830, until 25 Nov 2015, due to replacement of the span center lock. During nights and weekends, the bridge will be able to open on 2 hours advance notice with single leaf openings. A 15ft long scaffold will reduced vertical clearance at center of channel by 9ft during work hours. For more details or comments contact the Coast Guard Project Manager at 510-437-3461.

Chart 18649

LNM: 42/15

SAN FRANCISCO BAY-OAKLAND INNER HARBOR-SHOALING

Shoaling has been reported on the south side of the Oakland Inner Harbor South Channel in the east passage through the Fruitvale Ave. Bridge. Mariners are requested to transit the area with caution and report any observed changes in shoaling conditions to the San Francisco VTS on VHF-FM Chan. 14. For more details or comments contact U.S. Coast Guard Sector San Francisco Waterways Management at 415-399-7443.

Chart 18652

LNM: 16/15

SAN FRANCISCO BAY-OAKLAND-DREDGING

Dutra Construction Company will be conducting continuous dredging operations in Oakland Inner and Outer harbor Channels at 37-55-19N 122-24-40W until 30 Nov 15. Dredged material will be disposed of at the Montezuma Upland and SFDODS disposal sites. Clamshell dredges DB 24 along with tugs SARAH REED, ARTHUR BRUSCO, HEIDI L. BRUSCO and BECKY T will be on site monitoring VHF-FM Chan. 13, 14, and 82. Mariners are requested to transit the area with caution. For more details or comments contact Dredge Operations Manager Dennis Salyers at 415-497-5289.

Chart 18649

LNM: 38/15

SAN FRANCISCO BAY-OAKLAND-DREDGING

Dutra Construction Company will be conducting continuous dredging operations in the Port of Oakland until 30 Nov 15. Dredged material will be disposed of at the Montezuma Upland disposal site. Clamshell dredges DB 24 and/or BEAVER; along with tugs SARAH REED, POINT VICENTE, PHYLLIS T, and BECKY T will be on site monitoring VHF-FM Chan. 13, 14, and 82. Mariners are requested to transit the area with caution. For more details or comments contact Dredge Superintendent Dennis Salyers at 415-497-5289.

Chart 18649

LNM: 38/15

SAN FRANCISCO BAY-OAKLAND-SUNKEN VESSEL

A sunken 56ft vessel has been reported in the vicinity of 5th Ave. Marina, Oakland at 37-47-18.91N 122-15-51.60W. Approximately 2ft to 4ft of the vessel's mast is out of the water and also marked by a quick flashing green light. Mariners are requested to transit the area with caution.

Chart 18652

LNM: 39/15

SAN FRANCISCO BAY-REDWOOD CITY-DREDGING

Dutra Construction Company will be conducting continuous dredging operations in the Port of Redwood City at 37-30-44.83N 122-12-39.45W from 10-30 Nov 15. Dredged material will be disposed of at the SF-DODS disposal site. Clamshell dredges DB 24 and/or BEAVER; along with tug BECKY T will be on site monitoring VHF-FM Chan. 13, 14, and 80. Mariners are requested to transit the area with caution. For more details or comments contact Dredge Superintendent Dennis Salyers at 415-497-5289.

SAN FRANCISCO BAY-REDWOOD CITY-DREDGING

Chart 18651

LNM: 44/15

SAN FRANCISCO BAY-RICHMOND-DREDGING

Dutra Construction Company will be conducting dredging operations near Chevron Long Wharf at 37-55-19N 122 24-40W until 30 Nov 15. Dredged material will be disposed of at the Montezuma Upland and SFDODS disposal sites. Clamshell dredges DB 24 and/or BEAVER; along with tugs SARAH REED and BECKY T will be on site monitoring VHF-FM Chan. 13, 14, and 82. Mariners are requested to transit the area with caution. For more details or comments contact Dredge Superintendent Dennis Salyers at 415-497-5289.

Chart 18652

LNM: 35/15

SAN FRANCISCO BAY-RICHMOND-DREDGING

Manson Construction Co. is conducting continuous dredging operations in Richmond Channel at 37-54-14.71N 122-22-30.18W until 16 Jan 16. Tug PETER M; dredge VALHALLA; derrick barge NJORD; along with 02 scows FREEPORT and SOUTHPORT will be on site monitoring VHF-FM Chan. 12, 13, 14, 16, and 66. Dredged material will be disposed of at the SF-DODS disposal site. Mariners are requested to transit the area with caution and minimize wake in vicinity of the dredge site. For more details or comments contact Project Manager Eric McMann at 510-774-8396.

Chart 18649

LNM: 44/15

SAN FRANCISCO BAY-SAN FRANCISCO FERRY TERMINAL-CONSTRUCTION

Manson Construction will be installing a marine barrier in the vicinity of San Francisco Ferry Plaza at 37-47-49N 122-23-21W until 30 Aug 16. Mariners are requested to transit the area with caution. For more details or comments contact LTJG Christina Ramirez at 415-399-3585.

Chart 18650

LNM: 37/15

SAN FRANCISCO BAY-SAN FRANCISCO MARINA-SHOALING

Shoaling has been reported extending from the south side of the North Jetty at the entrance to San Francisco Marina. An unlighted white buoy has been established at 37-48-30N 122-26-23W in 9ft of water to mark the shifting shoal. The northern entrance is subject to rapid shoaling and should be avoided due to unknown depths. It is recommended that vessels transiting the marina enter and exit from the south side of the floating wave attenuator. Mariners are requested to transit the area with caution. For more details or comments contact Lawrence O'Donnel at 415-831-6322.

Chart 18649

LNM: 11/15

SAN FRANCISCO BAY-SAN FRANCISCO-DREDGING

Dutra Construction Company will be conducting continuous dredging operations in the Port of San Francisco Pier 35 at 37-48-35N 122-24-19W until 30 Nov 15. Dredged material will be disposed of at the SF-DODS disposal site. Clamshell dredges DB 24 and DB PALOMAR; along with tugs ARTHUR BRUSCO and BECKY T will be on site monitoring VHF-FM Chan. 13, 14, and 82. Mariners are requested to transit the area with caution. For more details or comments contact Dredge Superintendent Dennis Salyers at 415-497-5289.

Chart 18650

LNM: 42/15

SAN FRANCISCO BAY-SAN RAFAEL-DREDGING

Salt River Construction is conducting dredging operations in San Rafael Canal at 37-58-13N 122-29-58W until 30 Nov 15. An anchor ball has been placed outside of the entrance channel at 37-58-12.71N 122-29-58.64W. The self-contained dredge/dump barges DBI, PC-1000, DB4, and tugs HAYDEN BAY and IRENE LAURITZEN will be on site monitoring VHF-FM Chan. 13, 14, and 77. Mariners are requested to transit the area with caution. For more details or comments contact Rick Moseley at 415-435-1024.

Chart 18652

LNM: 40/15

SAN FRANCISCO BAY-SOUTH BAY-POWER LINE REPAIR

Power line repairs will be conducted near the Dumbarton Bridge at 37-30-39N 122-06-46W from 0730 to 1800 daily until 31 Jan 16. Mariners are requested to transit the area with caution. For more details or comments contact LTJG Christina Ramirez at 415-399-3585.

Chart 18651

LNM: 34/15

SAN FRANCISCO BAY-SUISUN BAY

A 500ft section of unlighted floating dock has been reported adrift in Spoonbill creek between Van Sickle Island and Chips Island. Mariners are requested to transit the area with caution and report any sightings to the San Francisco Vessel Traffic Service via VHF-FM Chan. 14.

Chart 18659

LNM: 25/15

SAN FRANCISCO BAY-SUISUN BAY-MARINE CONSTRUCTION

Cherne Contracting Corporation will be conducting marine construction operations on the Tesoro Avon Wharf in Suisun Bay at 38-02-56N 122-05-27W until July 2016. The work will include the construction of a new Berth 1A and replacement of the existing trestle between the wharf and land. Two temporary mooring buoys have been established at 38-03-5.76N 122-06-29.5W and 38-03-51.4N 122-06-32.6W. Derrick barges VANCOUVER and GENERAL; along with multiple flat barges will be on site monitoring VHF-FM Chan. 13 and 16. Mariners are requested to transit the area with caution and minimize wake in the vicinity of the construction site. For more details or comments contact Glenn Olson at 253-377-4078.

Chart 18656

LNM: 28/15

SAN FRANCISCO BAY-VALLEJO-MARE ISLAND STRAIT-MARINE CONSTRUCTION

Dutra Construction Company will conduct marine construction at the Mare Island Ferry Terminal at 38-06-06N 122-16-08W through April 2016. Project work will consist of pile driving and floating dock installation. Crane barge MORTY or KELSO will be on site monitoring VHF-FM Chan. 16. Mariners are requested to transit the area with caution and minimize wake when transiting near the construction site. For more details or comments contact Stephen Hutchison at 415-254-4410.

SAN FRANCISCO BAY-VALLEJO-MARE ISLAND STRAIT-MARINE CONSTRUCTION

Chart 18655

LNM: 29/15

SAN FRANCISCO BAY-WEST MARINA BASIN-DREDGING

Dutra Construction Company will be conducting continuous dredging operations in San Francisco West Marina Basin at 37-48-26.11N 122-26-34.85W until 30 Nov 15. Dredged material will be disposed of at the San Rafael Rock Quarry disposal site. Clamshell dredges DB 3 along with tugs SARAH REED and SEAW will be on site monitoring VHF-FM Chan. 13, 14, and 80. Mariners are requested to transit the area with caution. For more details or comments contact Dredge Operations Manager Dennis Salyers at 415-497-5289.

Chart 18650

LNM: 43/15

SAN FRANCISCO-OAKLAND BAY BRIDGE (EAST OF YBI)

SAN FRANCISCO/OAKLAND BAY BRIDGE-EAST OF YBI -A Safety Zone has been established from 500 feet west of pier "H" and extends east to the Oakland shoreline. (see 2015-2017 East SFOBB Safety Zone in enclosure section) This safety zone has been established to protect mariners from the dangers associated with pier removal, over-head demolition and debris removal operations of the SFOBB. All vessels passing through the bridge east of YBI should use the "G-H" span, 500 feet west of pier "H" until demolition of the rest of the bridge is complete. Unauthorized persons or vessels will be prohibited from entering into, transiting through, or remaining in the safety zone without permission of the Captain of the Port or their designated representative. Temporary falsework towers have been removed down to the base from span "H" -"I". Red lights will mark the upstream and downstream portion of the bases until removal. (see temp_falsework.pdf in enclosure section) Barges may be moored to piers "H", and "I" with the outboard corners lit at night with red lights. (see barge_lighting.pdf in enclosure section.) A 180 X 60 ft crane barge, 220 X 60 ft spud barge and 140 X 70 flexifloat may be anchored on any side of piers "H" and "I" with anchor lines extending up to 700 ft NW, SW, NE, and SE of the moorings. (see Barge_Anchor_Diagram_02.pdf in enclosure section). For details at the work site, mariners may contact Caltrans at 510-385-7084 or the Contractor at 925-250-1298. For more details or comments contact the Coast Guard Project Manager at 510-437-3515.

Chart 18650

LNM: 43/08

SAN FRANCISCO-OAKLAND BAY BRIDGE (WEST OF YBI)

SAN FRANCISCO/OAKLAND BAY BRIDGE-WEST OF YBI- CALTRANS has installed a painting traveler in the "B-C" span reducing vertical clearance by 5ft. The painting traveler is lighted at night with red lights. A section of steel and plastic timber fendering is missing from the south east corner of Pier "C" and is presumed sunk at the base of the pier. Mariners are advised to avoid direct contact with the pier. Caltrans is performing fog signal and electrical work on the San Francisco/Oakland Bay Bridge, west of YBI, at piers A through E. The decorative white lighting around the pier bases may be affected. Mariners are requested to transit the area with caution. For more details or comments contact the Coast Guard Project Manager at 510-437-3515.

Chart 18649

LNM: 26/15

SAN FRANCISCO-SUISUN BAY-MONTEZUMA SLOUGH-SUISUN MARSH-LOCK OPERATIONS

The California Department of Water Resources is operating the boat lock from 0700-1700 daily until 31 May 16, and will monitor VHF-FM Chan. 13 during operating hours at the Suisun Marsh Salinity Control Structure maintenance channel at 38-05-36N 121-53-07W. All vessels requiring passage in either direction must use the boat lock. The boat lock signal is a standard traffic light. Whistle signals to request opening are two prolonged blasts followed by two short blasts. Full instructions on passage including an emergency phone number are posted on site. The boat lock is located on the east side of the channel and provides the following clearances: 16ft horizontally; 9ft over the sill at MLLW; 70ft in length between sector gates; and no vertical impairment. The piers will be marked by fixed red lights, and other parts of the structure will be marked by fixed yellow lights.

Mariners should be aware a shoal area exists along the east bank on both sides of the structure extending approximately 50ft out from the existing levee. Marker buoys have been placed to identify the area. Mariners are also advised that the Salinity Control Structure operations can, at times, create currents at the site greater than currents in other areas of Montezuma Slough. Mariners are requested to transit the area with caution. For more details or comments contact Dan Yamanaka at 916-574-0456.

Chart 18656

LNM: 34/15

SAN PABLO BAY-RODEO-DREDGING

Dutra Construction Company will be conducting continuous dredging operations in Phillips 66 Marine Terminal at 38-03-22N 122-15-49W until 30 Nov 15. Dredged material will be disposed of at the SF-8 disposal site. Clamshell dredges DB 24 and/or BEAVER; along with tugs SARAH REED and BECKY T will be on site monitoring VHF-FM Chan. 13, 14, and 82. Mariners are requested to transit the area with caution. For more details or comments contact Dredge Superintendent Dennis Salyers at 415-497-5289.

Chart 18654

LNM: 41/15

SANTA BARBARA-SEDIMENT SAMPLING

Kinnetic Laboratories, Inc. will be conducting sediment core sampling in Santa Barbara Harbor and East Beach during daylight hours from 0700-1800 on 10-13 Nov 15. F/V BONNIE MARIETTA will be anchoring for 01 hour periods to collect sediment core samples and will be monitoring VHF-FM Chan. 16. Mariners are requested to transit the area with caution and a safe distance of 100ft. For more details or comments contact Project Manager Spencer Johnson at 831-750-8806.

Chart 18725

LNM: 44/15

SOUTHERN CALIFORNIA-SAN DIEGO-SCIENTIFIC RESEARCH

Scripps Institution of Oceanography will be conducting near shore scientific research in the vicinity of south San Diego between the US-Mexico Border and Coronado until 30 Nov 15. The purpose of this research is to study the exchange between the surfzone (where waves break) and the inner-shelf (shallow area just offshore of the surfzone). SIO will periodically release a bright pink dye into the surfzone to quantify the exchange and measure the amount of dispersion of tracers. The dye will be tracked as it spreads using boats, jetskis, and beach instrumentation. SIO has

SOUTHERN CALIFORNIA-SAN DIEGO-SCIENTIFIC RESEARCH

also installed 14 instruments on the seafloor marked by surface floats (12 inches long and 4-6 inches diameter white with reflective tape) and/or large yellow cylindrical buoys (24 inches tall and 28 inches diameter). The surface buoys are located at the following positions:

32-35-15.79N 117-11-51.86W
32-38-03.77N 117-11-57.34W
32-34-36.37N 117-08-13.71W
32-37-39.50N 117-08-36.56W
32-40-01.02N 117-12-08.71W
32-35-26.20N 117-09-45.61W
32-35-25.69N 117-08-19.54W
32-35-16.12N 117-08-20.54W
32-35-19.21N 117-08-11.65W
32-35-19.43N 117-08-27.06W
32-36-04.36N 117-08-34.48W
32-36-04.28N 117-08-32.89W
32-38-16.15N 117-09-30.28W
32-38-17.63N 117-09-30.13W

Mariners are requested to transit the nearby area with caution. For more details or comments contact Sarah Giddings at 510-406-4574.

Chart 18740

LNM: 38/15

VENTURA HARBOR-SHOALING

There has been a report of increased shoaling protruding approximately 25 yds into the channel at mean low water of 12ft bearing 270 magnetic from Ventura Marina South Jetty Light 6 (LLNR 3700). Ventura Marina Buoy 4A has been temporarily established at 34-14-47.068N 119-16-16.055W to mark the shoaling.

Chart 18725

LNM: 43/15

SECTION VIII - LIGHT LIST CORRECTIONS

An Asterisk *, indicates the column in which a correction has been made to new information

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
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None

PUBLICATION CORRECTIONS

None

ENCLOSURES

SOUTHERN CALIFORNIA-MARINE SAFETY INFORMATION BULLETIN

[MSIB Voluntary Traffic Lane 11-09.pdf](#)

See link above.

LNM: 09/10

REPORT OF DELAY AT DRAWBRIDGE

[DelayRept0207.pdf](#)

Use link above to Report a Delay at a Drawbridge.

LNM: 06/07

PORTS OF LOS ANGELES/LONG BEACH-CERRITOS CHANNEL-BRIDGE

[Trestle_Lighting_Heim.pdf](#) [HeimDraw_Falsework.pdf](#)

See link above

Chart 18749

LNM: 45/11

LONG BEACH-MIDDLE HARBOR-DEMOLITION

[Long Beach Containment Dike.pdf](#)

See link above.

LNM: 40/14

PETALUMA RIVER-BRIDGE

[CofferdamLighting_US101_Petaluma.pdf](#) [PetalumaPierCofferdam2.pdf](#)

See link above for Cofferdam Lighting Diagram

LNM: 26/13

POINT ARGUELLO TO DANA POINT-WHALES

[Whale_Advisory_Zone.pdf](#)

See link above.

LNM: 20/15

SAN CLEMENTE ISLAND SAFETY ZONE

[MSSB 04-15 SCI Safety Zone.pdf](#)

See above link.

LNM: 39/15

SAN FRANCISCO-OAKLAND BAY BRIDGE (EAST OF YBI)

[temp_falsework.pdf](#) [barge_lighting.pdf](#) [Barge_Anchor_Diagram_02.pdf](#) [2015-2017_East_SFOBB_SafetyZone.pdf](#)

See links above to view Safety Zone, Westar crane barge location diagram, temporary falsework lighting, barge mooring diagram, and anchor diagram during demolition.

Chart 18649

LNM: 24/15

WERNER DREDGE CUT-ORWOOD BRIDGE REPLACEMENT PROJECT

[Orwood_Lighting_Diagram.pdf](#)

See Link Above

Chart 18661

LNM: 25/15

SAN DIEGO-DEL MAR-SAN DIEGUITO RIVER-BRIDGE

[NCTD_RR_Bridge_San_Dieguito_River.pdf](#)

See link above.

Chart 18765

LNM: 33/15

MARINE SAFETY INFORMATION BULLETIN

[CFV Work Lights MSIB.pdf](#)

See link above.

LNM: 34/15

CHANGE TO USCG NAV RULES

[NAVRULESCorrectionsLNM.pdf](#)

See link above.

LNM: 39/15

SAN FRANCISCO BAY-ENTRANCE TSS-SPEED REDUCTION

[SpeedReductionZone.pdf](#)

See link above

LNM: 17/15

THE LOCAL NOTICE TO MARINERS IS AVAILABLE ON THE WORLD WIDE WEB AT WWW.NAVCEN.USCG.GOV/.

A.E. Wirts
U.S. Coast Guard
Waterways Management Branch



U. S. Coast Guard Sector Los Angeles – Long Beach

MARINE SAFETY INFORMATION BULLETIN 11-09

Los Angeles / Long Beach Harbor Safety Committee Voluntary Western Traffic Lanes

There has been a recent trend in traffic patterns where some vessel operators are choosing to depart the Traffic Separation Scheme (TSS) established in the Santa Barbara Channel and transit through an area to the south of San Miguel, Santa Rosa and Santa Cruz Islands (referenced herein as “south of the Channel Islands”). As such, the Los Angeles / Long Beach Harbor Safety Committee has published voluntary western traffic lanes for vessels approaching and departing the Ports of Los Angeles and Long Beach.

Mariners transiting through the western and northern approaches to and from the Ports of Los Angeles and Long Beach (LA/LB) are advised the established TSS through the Santa Barbara Channel as shown on NOAA and Admiralty charts is the only International Maritime Organization (IMO) approved routing measure in this area. An IMO approved TSS reduces the risk of collision by providing for the separation of arriving and departing traffic and minimizing potentially hazardous crossing situations. Mariners, who have traditionally used this approved TSS, are encouraged to continue to do so.

Voluntary Western Traffic Lanes

To address the safety concerns created by increased traffic south of the Channel Islands, on October 6, 2009, the Los Angeles/Long Beach Harbor Safety Committee (LA/LB HSC) endorsed voluntary traffic lanes in the area south of the Channel Islands (referenced herein as “voluntary western traffic lanes.”). The new voluntary western traffic lanes are not approved by the IMO, nor are they approved by any U.S. federal authority, including the U.S. Coast Guard. The LA/LB HSC developed these lanes as a voluntary measure to promote vessel safety. The Coast Guard is taking separate action to study the increased traffic in this area.

The geographical coordinates for the voluntary western traffic lanes are published by the LA/LB HSC secretary at <http://www.mxsocal.org/Blogs/24/Voluntary-Routing-Zones.aspx>.

Pacific Missile Test Range, Point Magu

Departing the IMO approved TSS and transiting south of the Channel Islands may result in delays and diversions, as this transit will take vessels through the Pacific Missile Test Range, Point Mugu, California. **The U.S. Navy advises that hazardous operations may take place within the test range.** The test range extends for 180 miles in a South West direction from Point Mugu and is up to 210 miles wide. The specific hazardous areas within the range are broadcast by the Navy daily Monday through Friday at 0900 and 1200 on 2638 kHz and 2738 kHz. When notified by the Navy, the Coast Guard also broadcasts this information on VHF-FM channel 16.

When transiting south of the Channel Islands (inbound or outbound to the Ports of Los Angeles and Long Beach), all mariners should communicate with Navy PLEAD CONTROL in a timely manner so that early decisions can be made regarding safe routing. Every effort should be made to comply fully with any instructions received from the Navy. For information regarding the status of current hazardous operations contact “PLEAD CONTROL” on VHF Marine channel 11 or 16, or at (805) 989-8841/8843 from 0600-1800, and at (805) 816-0792 after 1800. If you are unable to contact “PLEAD CONTROL”, contact “SAN PEDRO TRAFFIC” on VHF-FM channel 14 or (310) 832 6411 for the most recent information regarding hazardous military operations.

The Navy requests all vessels transiting the range to submit a notification to PLEAD CONTROL indicating the vessel name, destination, and estimated time of entry into, and departure from, the test range. Notifications can be faxed to (805) 989-0102.

Whales

Mariners are further reminded that large whales, including Blue, Grey, Humpback, and Fin whales, as well as other marine mammals, have been sighted in and around the Santa Barbara Channel, both within the TSS as well as to the south of the Channel Islands. These whales are all protected under federal law and some are listed as endangered species. Please report any collisions with whales or any observed live, injured, or dead whales, including time and position, to the National Oceanographic and Atmospheric Administration (NOAA) at 877-SOS-WHALE (877-767-9425) or the Coast Guard.

Recreational and Fishing Vessels

The area to the south of the Channel Islands is also used by both commercial fishing vessels and recreational vessels, whose operators may not be aware of the new voluntary western traffic lanes or that ship traffic has recently increased in this area. Since the new voluntary western traffic lanes are not an IMO approved traffic separation scheme, the International Regulations for Avoiding Collisions at Sea (COLREGS) Rule 10 does not apply.

Questions

Questions relating to the voluntary western traffic lanes should be directed to the LA/LB HSC Secretary at (310) 832-6411.

**U.S. COAST GUARD
REPORT OF DELAY AT DRAWBRIDGE
PER 33 CFR 117.5**

BRIDGE NAME _____ DATE _____

MILE _____ WATERWAY _____

1. Name/ Type of Vessel _____ Direction of Travel _____

2. Vessel Owner (Name) _____

(Address) _____

3. Name of Pilot (if applicable) _____

(Address) _____

4. Time vessel signaled for bridge opening _____

5. Location of vessel when signal was given _____

6. Time and location of vessel when delay began _____

7. Method of signal for bridge opening () Radio () Sound () Visual

(If sound or visual signal was used, specify _____)

8. Time bridge operator acknowledged signal _____

9. Method of bridge operator acknowledgement () Radio () Sound () Visual

(If sound or visual signal was used, specify _____)

10. Did bridge operator acknowledgement indicate the bridge

() Could be opened immediately

() Could not be opened immediately

11. If land traffic crossed the bridge:

Time land traffic started across the bridge _____

Time land traffic stopped crossing the bridge _____

Did land traffic stop on the bridge? _____

Duration land traffic stopped on the bridge _____

12. Time drawbridge opened for navigation _____

14. Additional comments _____

I certify the above information is true to the best of my knowledge and understand this statement may be used by the U.S. Coast Guard in levying fines against the bridge owner.

Signature _____

Telephone _____

Mariners may complete and send via fax or mail to:

USCG D11(dpw) Bridge Administration

Building 50-2

Coast Guard Island

Alameda, CA 94501-5100

Cellular: (510) 219-4366, Work Phone: (510) 437-3516

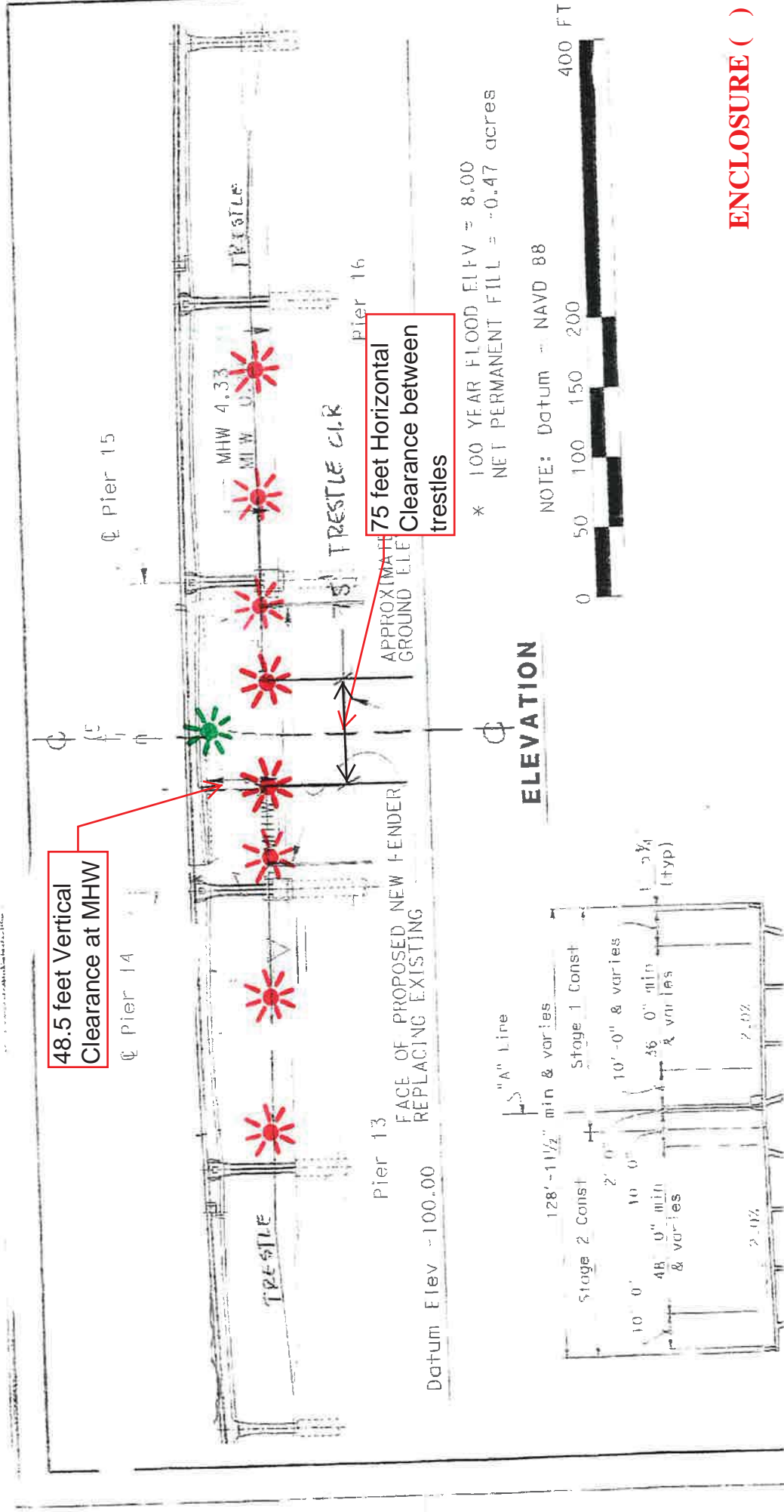
Work Fax: (510) 437-5836

Mariners are reminded not to require bridge openings for appurtenances nonessential to navigation, per 33 CFR 117.11

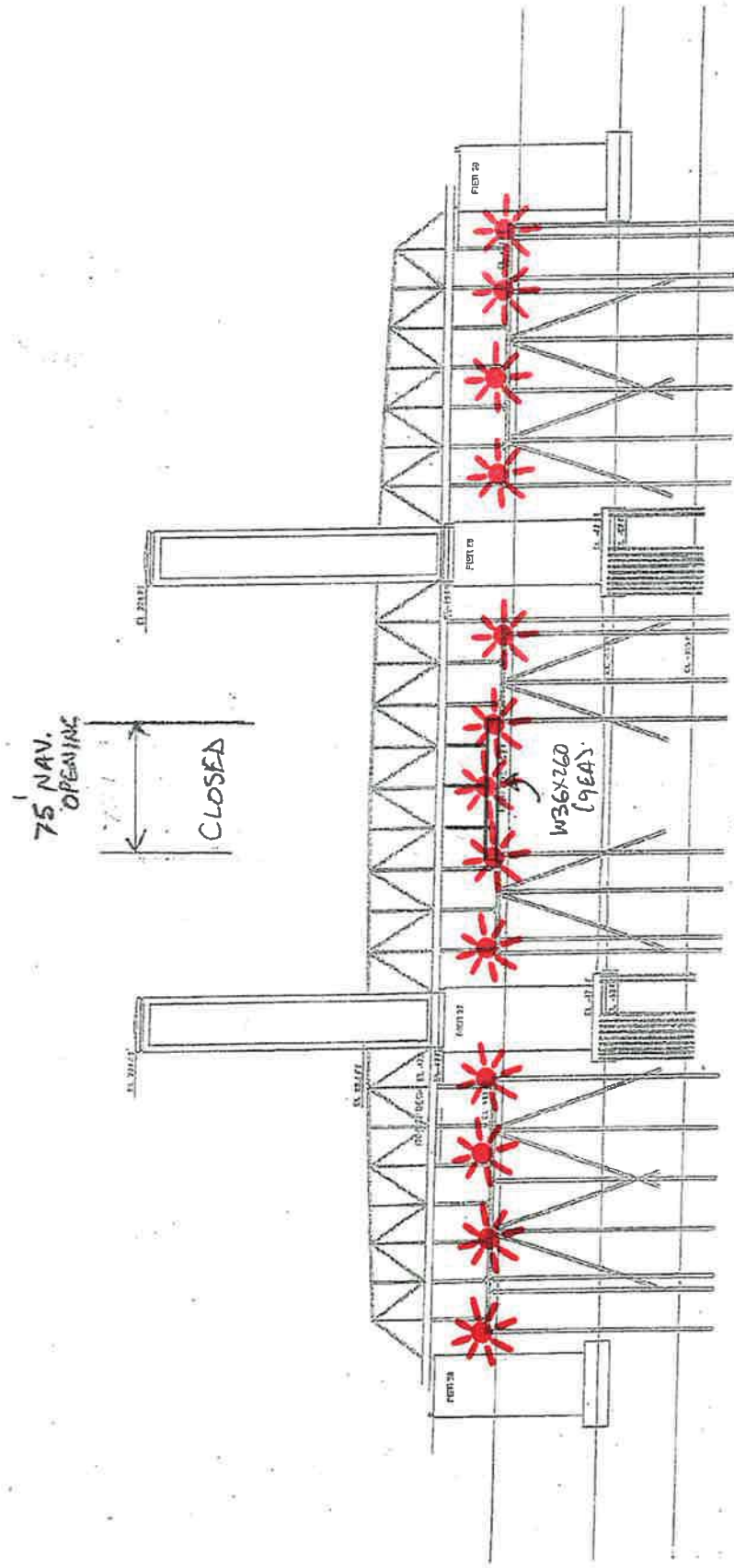
Replacement Schuyler Heim Bridge Project

Temporary Lighting Diagram during Construction

The temporary trestles provide 75 feet of horizontal clearance and 48.5 feet of vertical clearance from Mean High Water to the lowest hittable portion of the bridge between the trestles. The upstream and downstream trestles are lighted at night with steady burning all-round red lights. The center of the navigation span, between piers 14 and 15, is marked at night with all-round steady burning green lights.

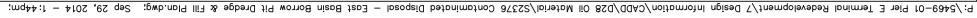


Commodore Schuyler Heim Bridge Replacement Project, mile 4.9,
Cerritos Channel
Falsework Lighting
Removal of Existing Drawspan



The temporary falsework provides 75 feet of horizontal clearance and 5 feet of vertical clearance at Mean High Water in the center of the drawspan.

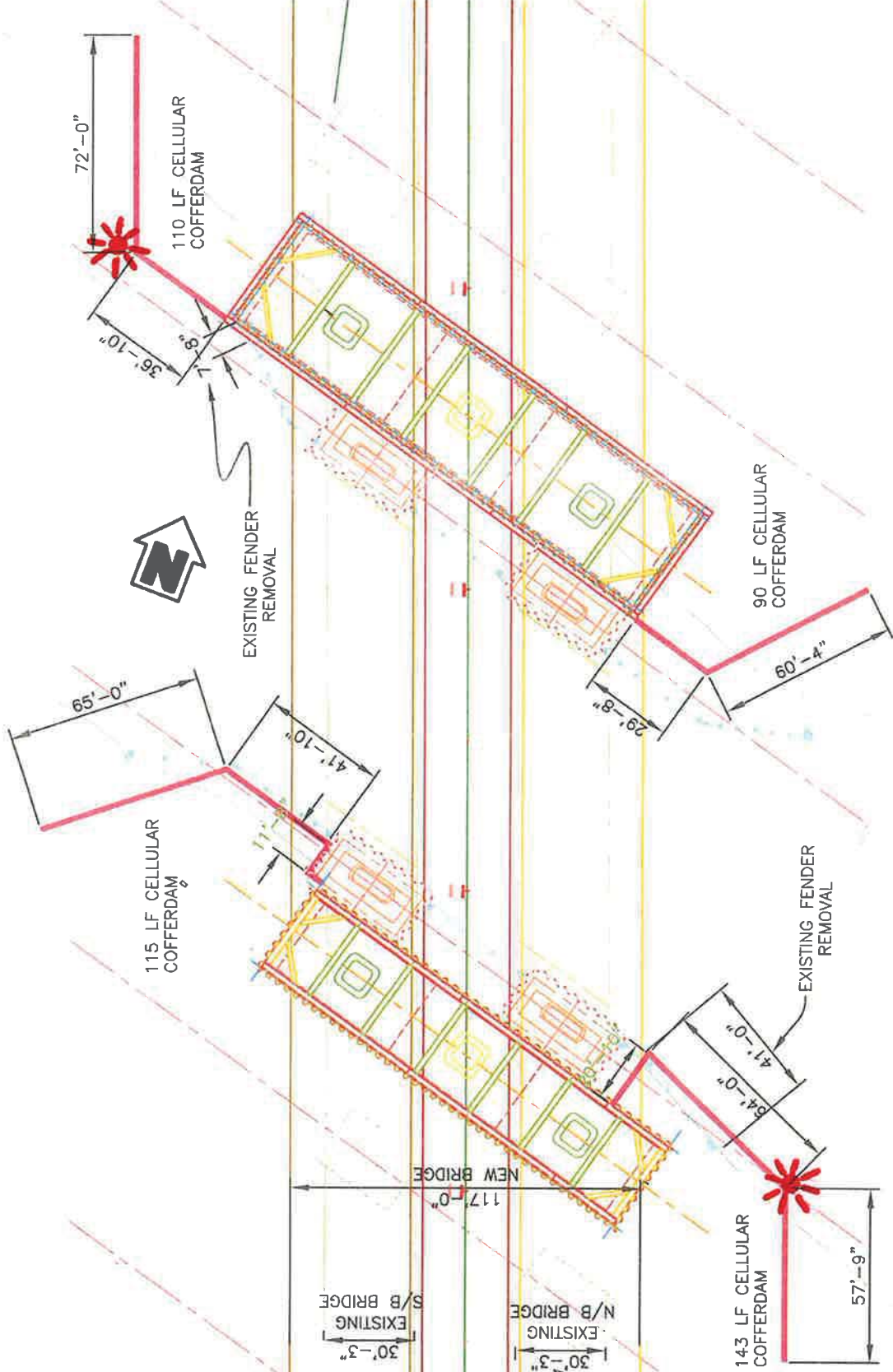
The falsework shall be lighted, upstream and downstream, at night, and in periods of reduced visibility, with steady burning all round red lights, so as to be seen at 2,000 yards by approaching vessels. The lights shall be mounted below low steel of the falsework approximately every 30 feet.



Cofferdam Lighting Diagram

Replacement U.S. 101 Highway Bridge, Mile 12.5, Petaluma River

The corners of the northwest and southeast cofferdams shall be lighted at night with steady burning all round red lights, securely fastened, visible at 1,000 yards by approaching vessels.

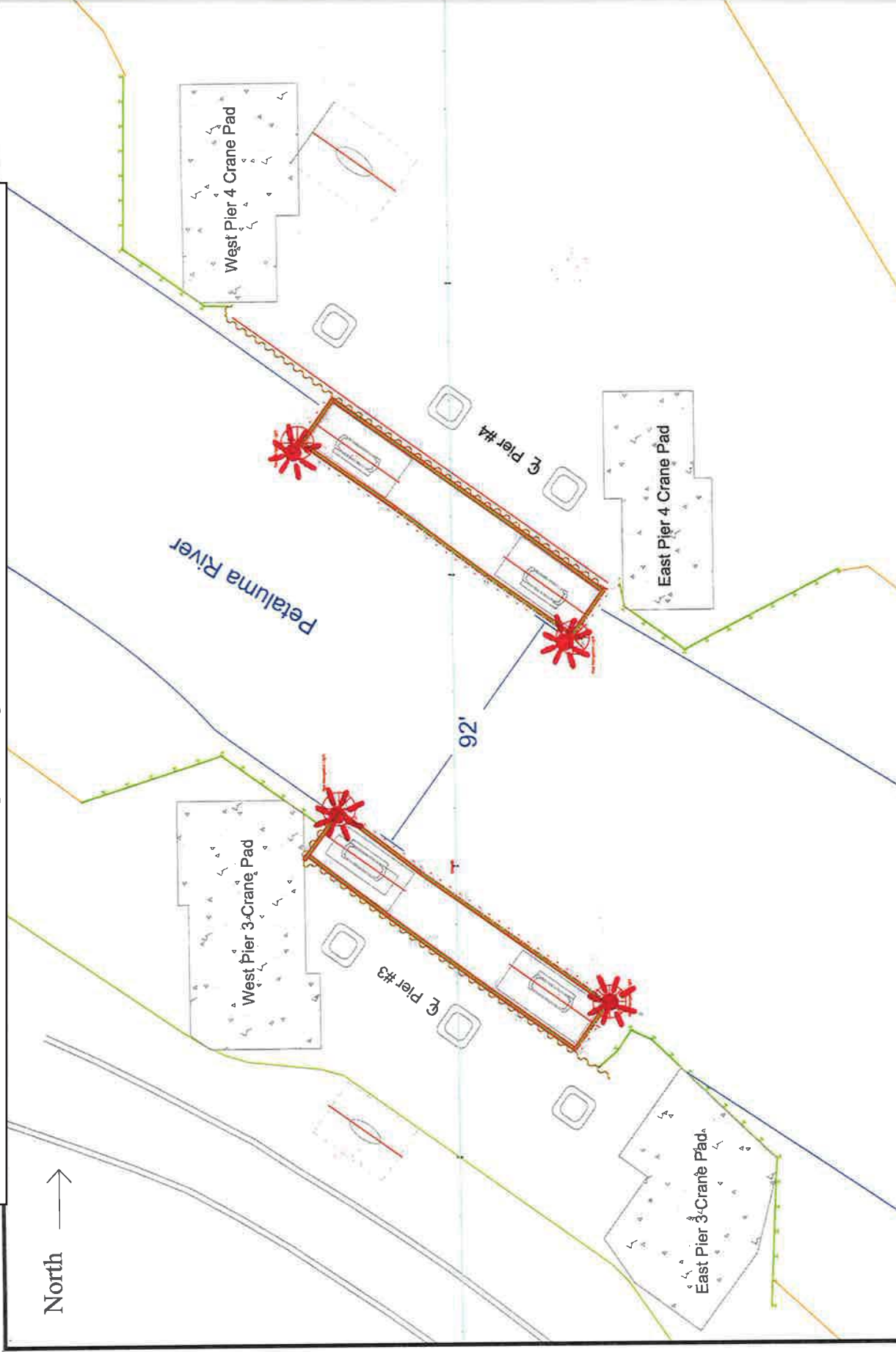


PLAN
SCALE: 1 : 50

PROJECT: PETALUMA RIVER BRIDGE (REPLACE)		CONTRACT NO.: 04-264014
SHEET NUMBER: 1		NO. OF SHEETS: 1
PROJECT: PETALUMA RIVER BRIDGE		CONTRACT NO.: 04-264014
COAST GUARD GENERAL PLAN		CONTRACT NO.: 04-264014
CC MYERS INC.		3286 Fitzgerald Road, Rancho Cordova, CA 95741 P.O. Box 2948, Rancho Cordova, CA 95741 916-635-9370 Fax 916-635-1527
DESIGN BY:	DATE:	DESCRIPTION:
AS SHOWN		

ENCLOSURE ()

U.S. 101 Highway Bridge Replacement Project
Mile 12.5, Petaluma River
Temporary Cofferdam



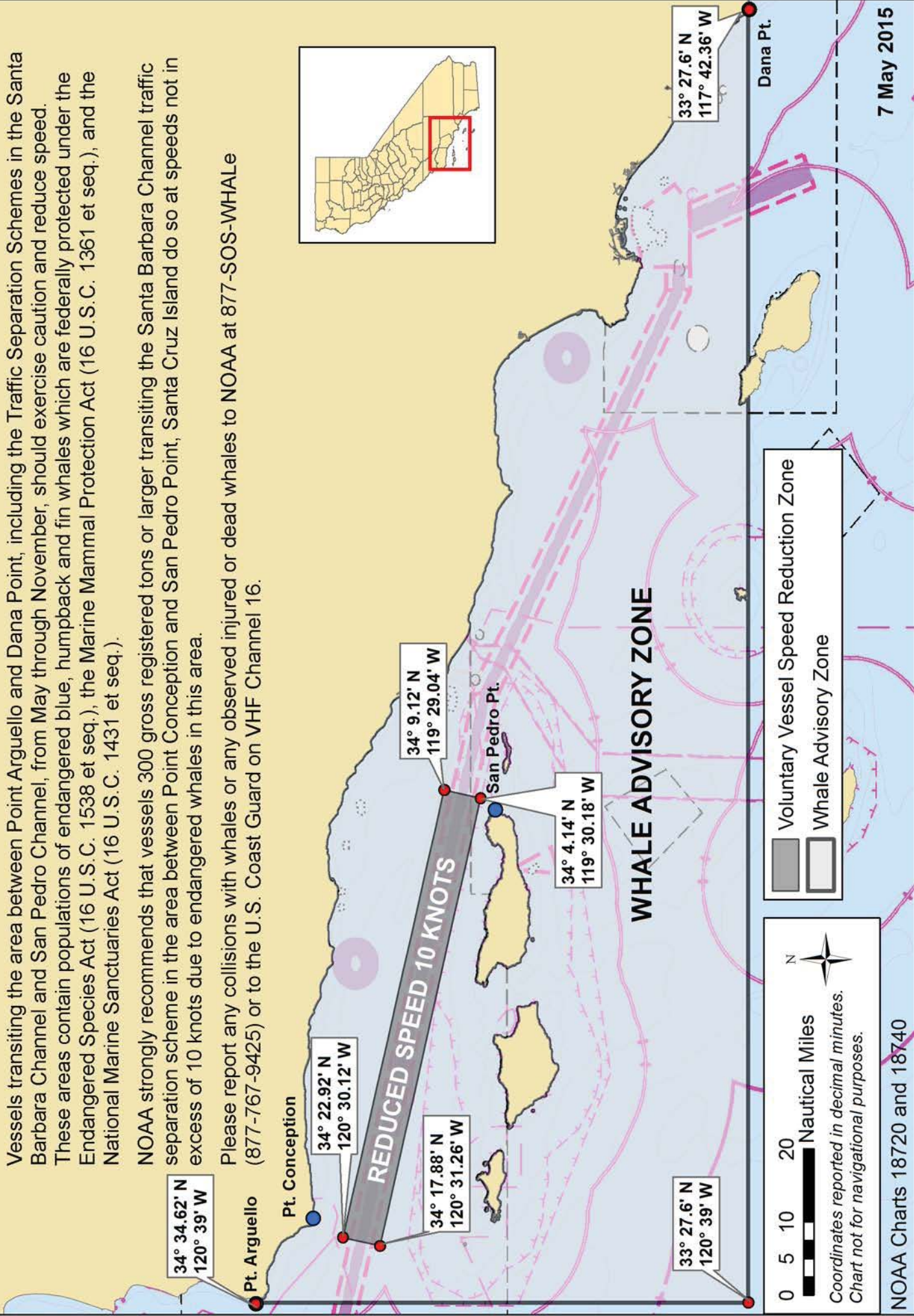
Temporary cofferdams will be installed to facilitate the removal of the bridge piers. The cofferdams will protrude 4 feet into the channel on each side of the river reducing horizontal clearance at the bridge by 8 feet, leaving 92 feet of horizontal clearance at the work site. Each corner of the cofferdam will be lit at night with steady burning all-around red lights visible at 2000 yards.

WHALE ADVISORY ZONE AND VOLUNTARY VESSEL SPEED REDUCTION ZONE TO REDUCE COLLISIONS BETWEEN SHIPS AND WHALES

Vessels transiting the area between Point Arguello and Dana Point, including the Traffic Separation Schemes in the Santa Barbara Channel and San Pedro Channel, from May through November, should exercise caution and reduce speed. These areas contain populations of endangered blue, humpback and fin whales which are federally protected under the Endangered Species Act (16 U.S.C. 1538 et seq.), the Marine Mammal Protection Act (16 U.S.C. 1361 et seq.), and the National Marine Sanctuaries Act (16 U.S.C. 1431 et seq.).

NOAA strongly recommends that vessels 300 gross registered tons or larger transiting the Santa Barbara Channel traffic separation scheme in the area between Point Conception and San Pedro Point, Santa Cruz Island do so at speeds not in excess of 10 knots due to endangered whales in this area.

Please report any collisions with whales or any observed injured or dead whales to NOAA at 877-SOS-WHALE (877-767-9425) or to the U.S. Coast Guard on VHF Channel 16.



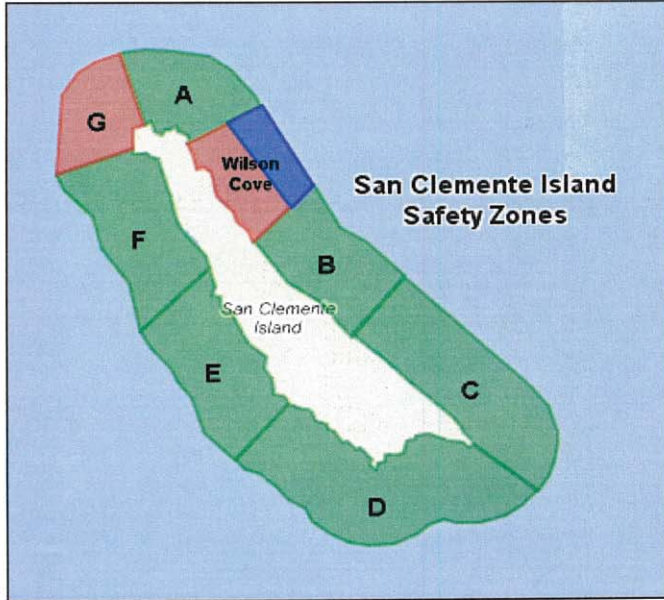
Maritime Safety and Security Bulletin: 04-15

Effective Date: 03 October 2015



U. S. Coast Guard Sector San Diego
2710 North Harbor Drive
San Diego, CA 92101
Phone: (619) 278-7241/7262
Fax: (619) 278-7235

SAN CLEMENTE ISLAND LIMITED ACCESS ADVISORY



Mariners operating in the vicinity of San Clemente Island are reminded of the **restricted** waterway access surrounding San Clemente Island (33 CFR 165.1131; 33 CFR 165.1141).

Since the inception of the regulations, numerous safety zone violations have been processed by Coast Guard Sector San Diego. Safety Zone incursions put the public at risk and cause costly and unnecessary training delays, as well as range cancellations. Violators of the San Clemente Island Safety and Security Zones are subject to monetary penalties. Criminal penalties may also be issued for repeated Safety and/or Security Zone violations. Failure to comply with the federal regulations could result in civil penalties of up to \$40,000.00. Furthermore, if a mariner holds a Merchant Mariner Credential, suspension or revocation action may be pursued against the mariner's credential.

<https://www.scisland.org/>

San Clemente Island is a top strategic Department of Defense military training facility. Dangerous naval activities occur weekly to ensure deployable military forces are trained for worldwide missions (e.g. small arms training, ground and air explosive ordnance training). Mariners conducting operations around San Clemente Island must abide by Federal regulations that apply to the three NM radius around the island. Eight zones comprise the Safety and Security Zones. Restriction times are based on U.S. Navy live fire exercises. Wilson Cove Security Zone and Safety Zone G are permanently closed. Mariners wishing to transit through Zone G must get preapproval from the U.S. Navy. The U.S. Navy makes every effort to maintain a schedule in advance and minimize public access restrictions. Periods of enforcement can be found at <https://www.scisland.org>. Restricted access areas and times are highlighted in red and listed in the associated website chart. If a Safety Zone section is green, mariners may access the waters. Mariners are advised to contact San Clemente Island via call sign "KRAKEN" on VHF CH 82A, or call Coast Guard Sector San Diego Joint Harbor Operations Center on VHF CH16 or at (619) 278-7033 to verify real-time status of the restricted waters.

If you would like more information about the Security and Safety zones surrounding San Clemente Island, please contact the Coast Guard Sector San Diego Waterways Management Division at 619-278-7656 or by email at D11-DG-M-SectorSD-Prevention-WaterwaysManagement2@uscg.mil.

A handwritten signature in blue ink, appearing to read "J. S. SPANER".

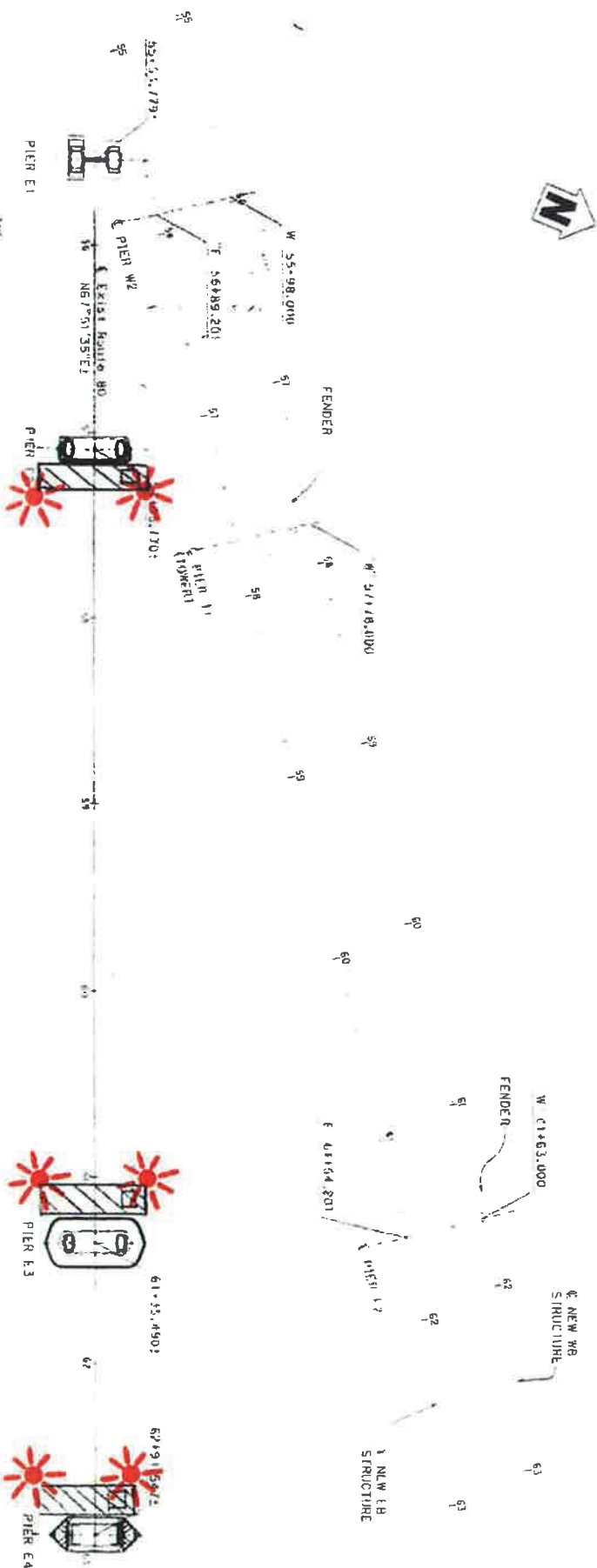
J. S. SPANER
Captain, U. S. Coast Guard
Captain of the Port San Diego

The upstream and downstream sides of the temporary support bents shall be lighted at night with steady burning all round red lights, visible at 2,000 yards by approaching vessels. The lights shall be securely fastened to the piles as low as practicable but not lower than 2 feet above navigable high water.



Lighting Diagram - Equipment Barges Eastern Span San Francisco Oakland Bay Bridge Mile 8.9, San Francisco Bay

		
DATE	COUNTY	ROUTE
04	SF	80
PROJECT: <i>Lighting Diagram</i> REVISION: <i>1</i>		
PREPARED BY: <i>10/10/10</i> CHECKED BY: <i>10/10/10</i> DATE: <i>10/10/10</i>		



The outboard corners of each barge shall be lighted at night with steady burning all round red lights, visible at 2,000 yards by approaching vessels.

ENCLOSURE (1)

NOTE:
THE CONTRACTOR SHALL VERIFY ALL CONTROL
BEFORE ORDERING OR FABRICATING ANY MATE

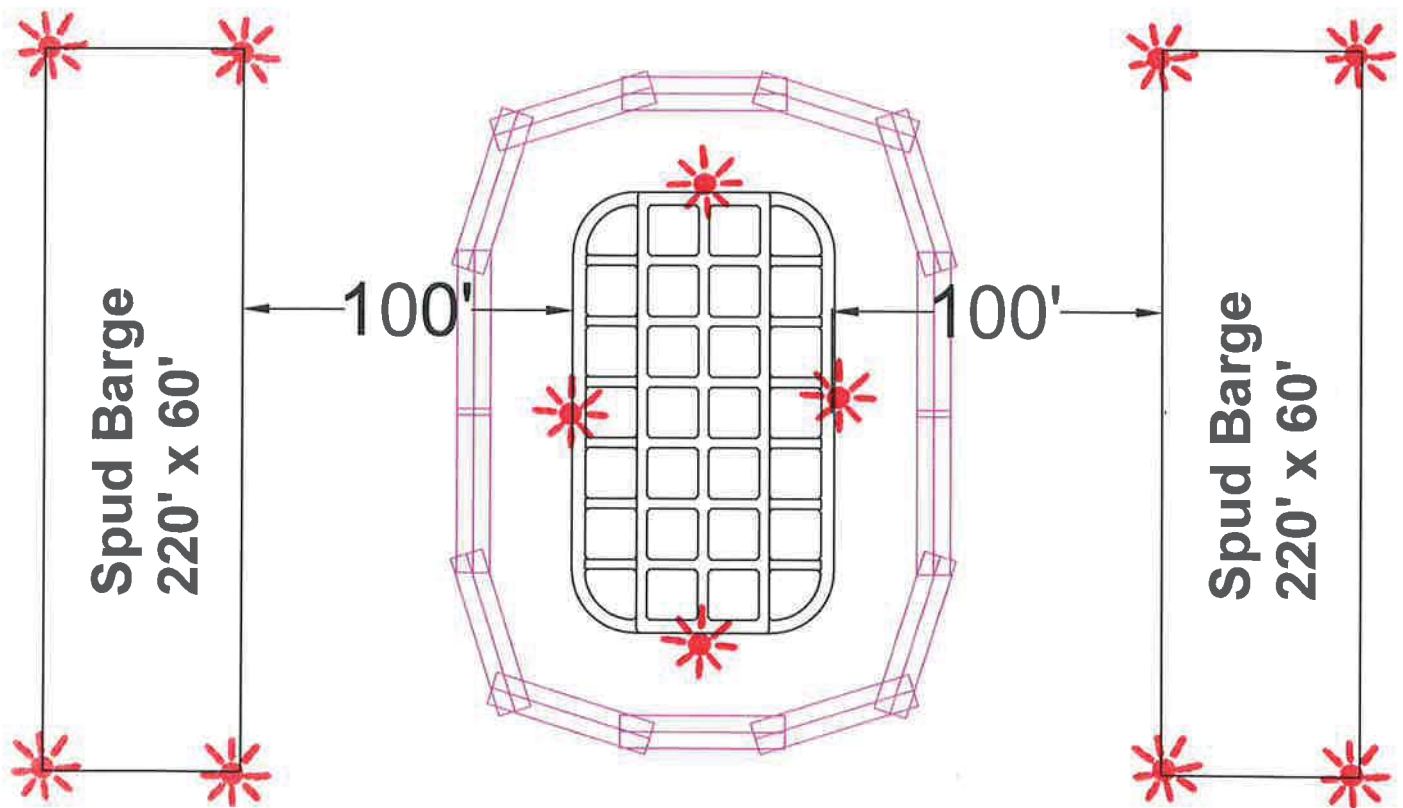
PRELIMINARY INVESTIGATION SECTION				STATE OF CALIFORNIA		TOLL BRIDGE DESIGN		EXISTING CANTILEVER TRU FOUNDATION	
DATE: 10/10/10	PROJECT: 10/10/10	CONTRACT: 10/10/10	DESIGN: 10/10/10	DATE: 10/10/10	PROJECT: 10/10/10	CONTRACT: 10/10/10	DESIGN: 10/10/10	DATE: 10/10/10	PROJECT: 10/10/10
ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN				SAN FRANCISCO OAKLAND EAST SPAN BRIDGE SAFETY		SAN FRANCISCO OAKLAND EAST SPAN BRIDGE SAFETY		SAN FRANCISCO OAKLAND EAST SPAN BRIDGE SAFETY	

Eastern Span SFOBB Pier "H" (E-3) Lighting Plan

Each corner of each barge shall be lighted at night with steady burning all-round red lights with sufficient candle power so as to be visible at a distance of at least 2,000 yards by approaching vessels.

The exposed pier structure shall be lighted at night with steady burning all-round red lights with sufficient candle power so as to be visible at a distance of at least 2,000 yards by approaching vessels.

Bubble Curtain

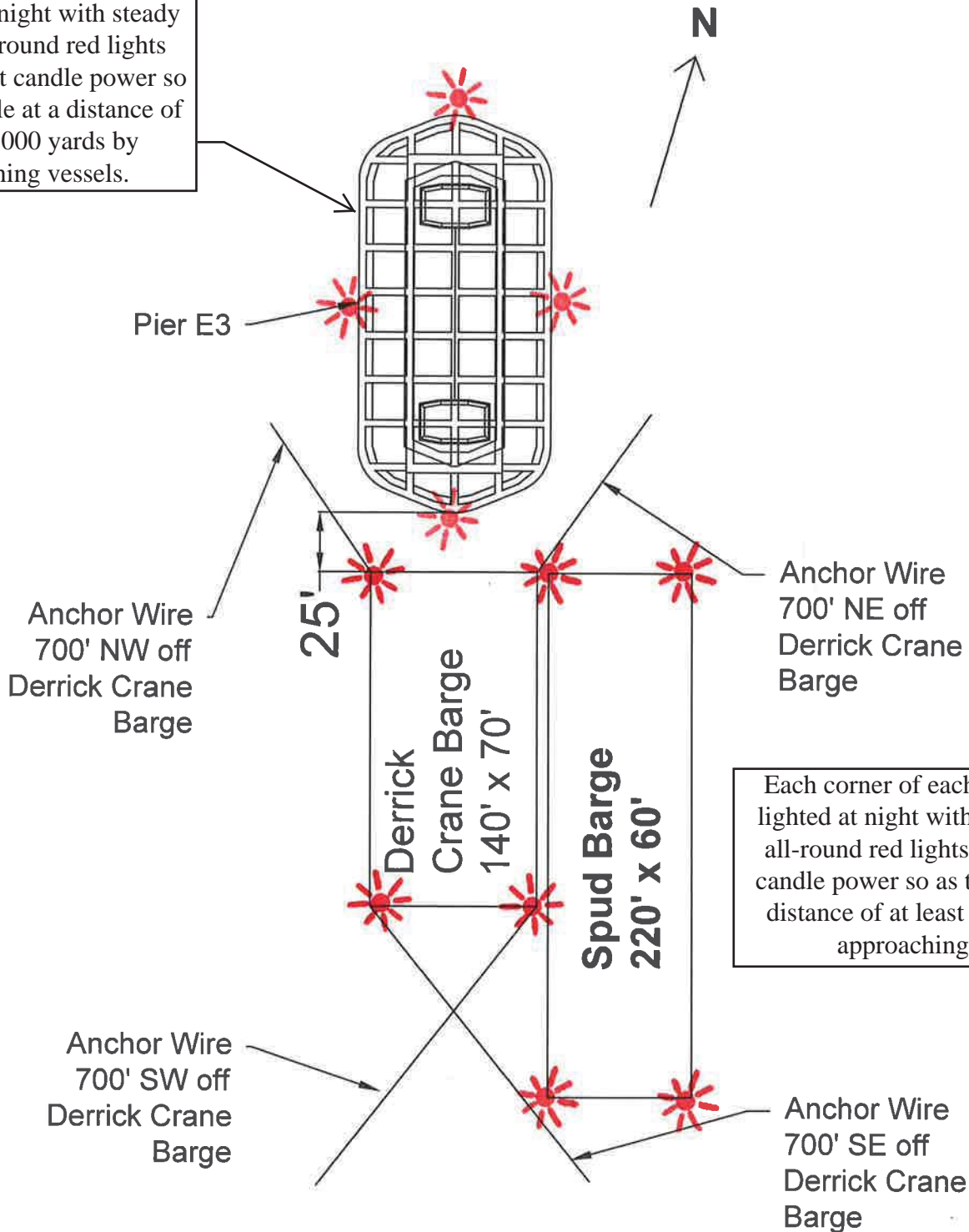


ENCLOSURE ()

**Eastern Span SFOBB
Pier "H" (E-3)
Lighting Plan**

Fender Removal

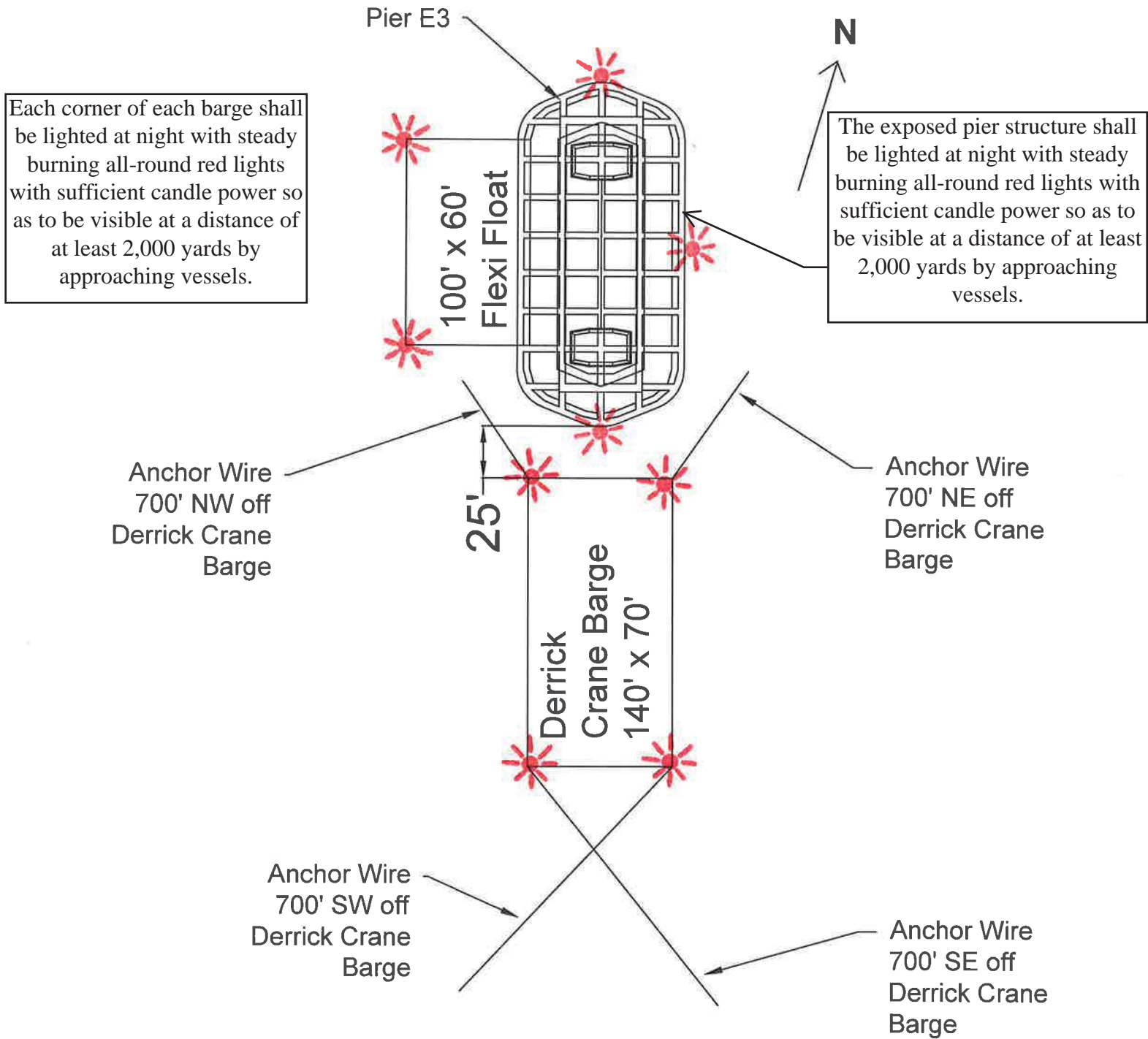
The exposed pier structure shall be lighted at night with steady burning all-round red lights with sufficient candle power so as to be visible at a distance of at least 2,000 yards by approaching vessels.



ENCLOSURE ()

**Eastern Span SFOBB
Pier "H" (E-3)
Lighting Plan**

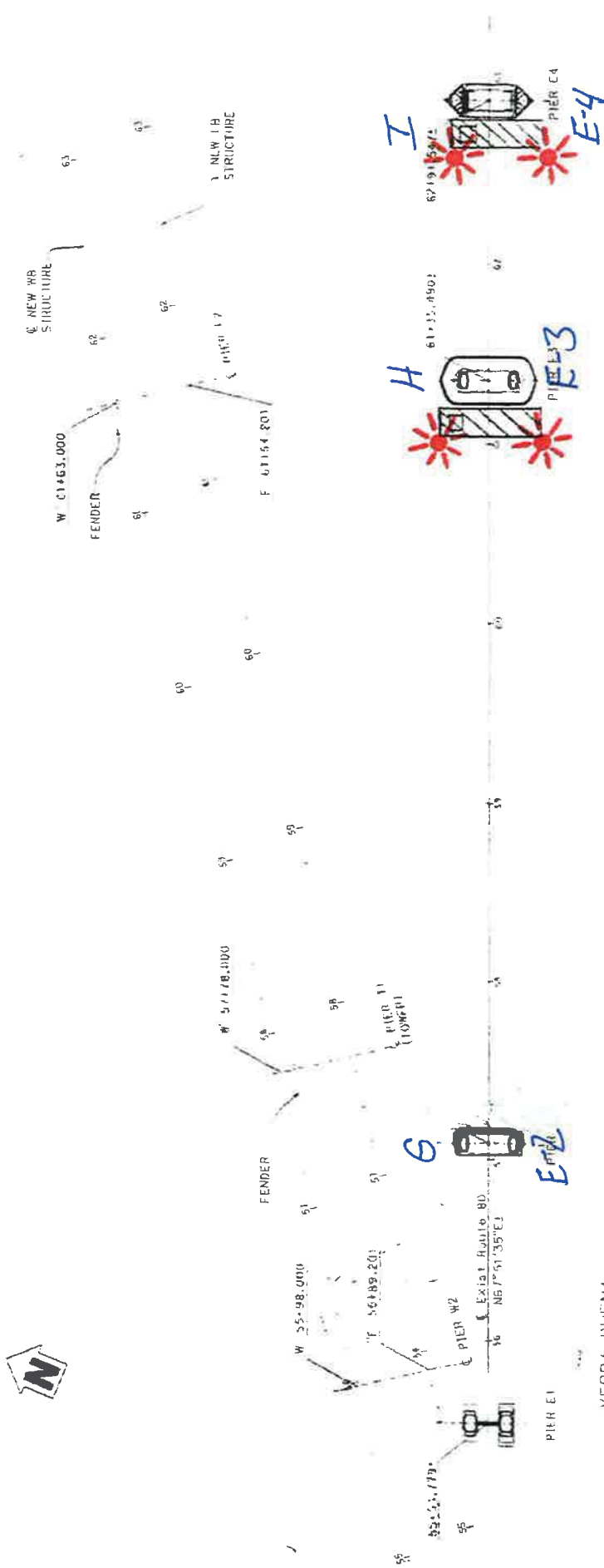
Curtain Demo



ENCLOSURE ()

Lighting Diagram - Equipment Barges Eastern Span San Francisco Oakland Bay Bridge Mile 8.9, San Francisco Bay

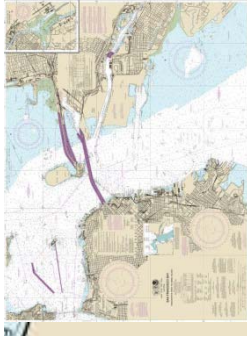
SHEET NO.	04	COUNTY	SF	ROUTE	RD
	04		00		
					
REGISTERED PROFESSIONAL ENGINEER No. 10000, State of California License No. 10000, State of California Exp. Date 12/31/2010					



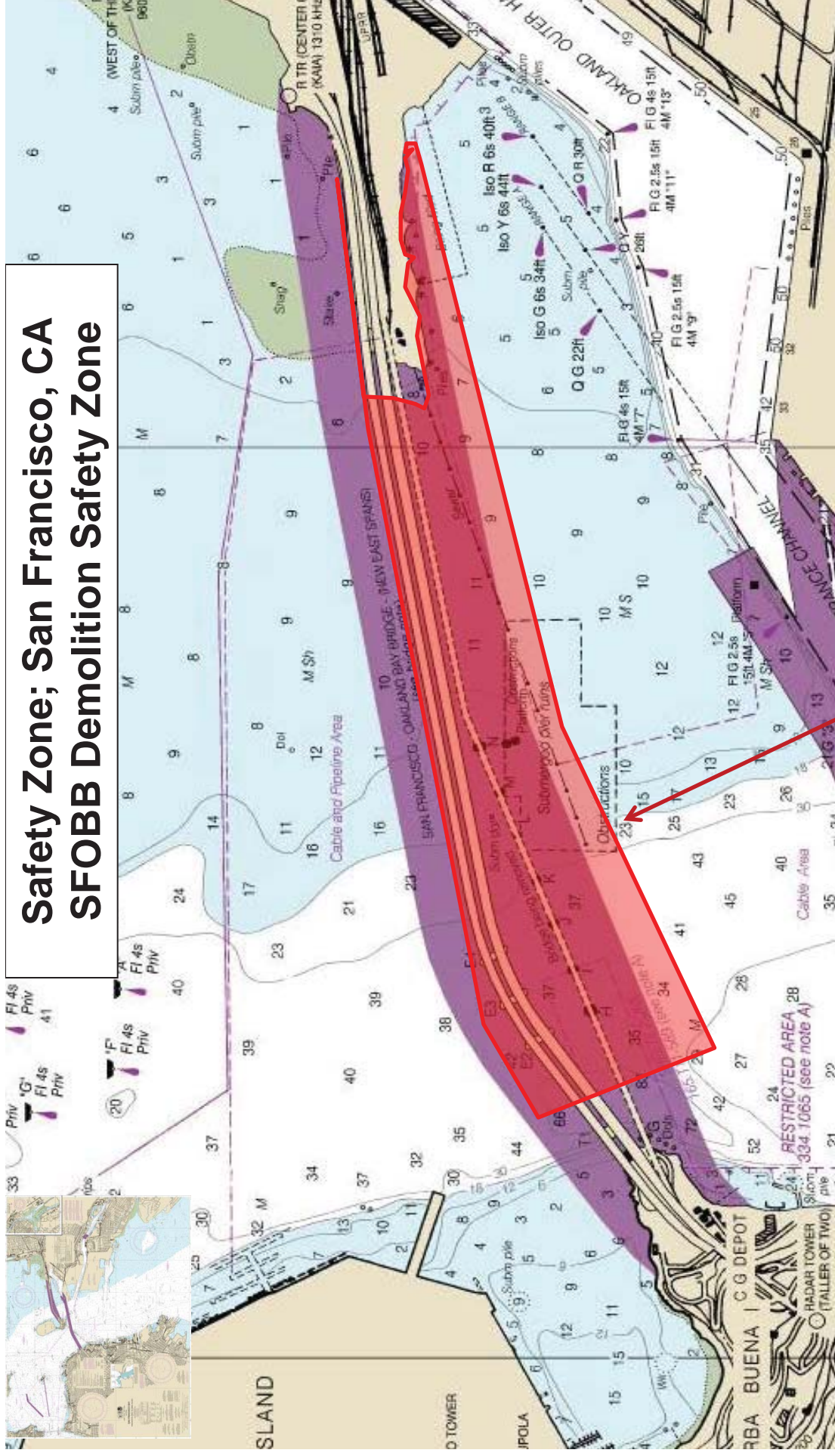
The outboard corners of each barge shall be lighted at night with steady burning all round red lights, visible at 2,000 yards by approaching vessels.

NOTE:
THE CONTRACTOR SHALL VERIFY ALL CONTROL
BEFORE ORDERING OR FABRICATING ANY MATE

SAN FRANCISCO-OAKLAND EAST SPAN BEISMIC SAFETY		EXISTING CANTILEVER TRU FOUNDATION	
STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION		TOLL BRIDGE DESIGN	
PROJECT NO. 33-0025 PROJECT NO. 13.2/13.9		DATE 11/01/01	
PRELIMINARY INVESTIGATION SECTION		ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE SHOWN	
DATE 11/01/01	PROJECT NO. 33-0025	PROJECT NO. 13.2/13.9	DATE 11/01/01
PROJECT NO. 33-0025	PROJECT NO. 13.2/13.9	PROJECT NO. 13.2/13.9	PROJECT NO. 13.2/13.9



Safety Zone; San Francisco, CA **SFOBB Demolition Safety Zone**



South Border:1000 feet south of the old SFOBB extending to Oakland shore line,

West Border:500 feet west of Pier H,

North Border west of Pier H: 250 feet north of new SFOBB extending Pier H,

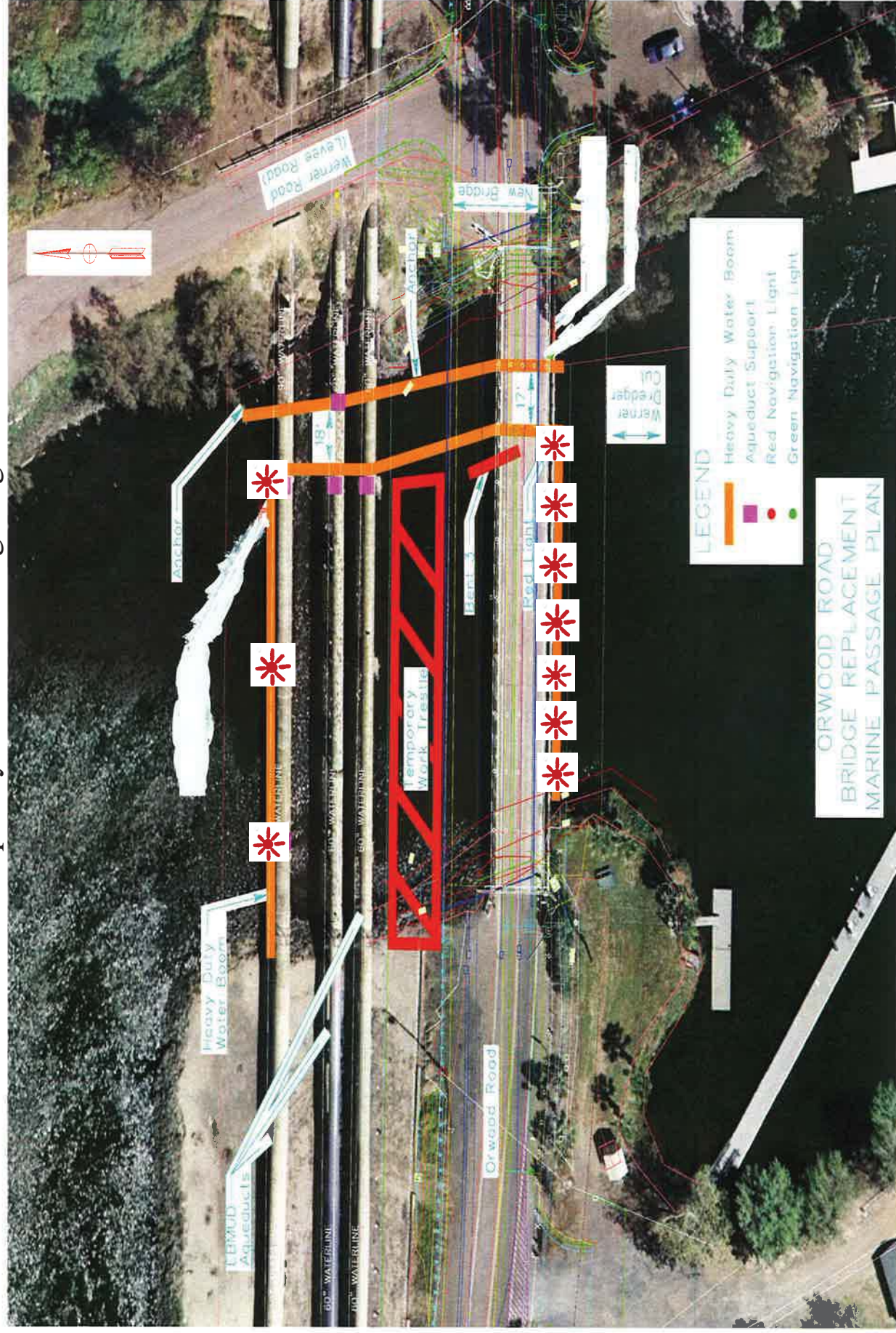
North Border east of Pier H:100 feet north of new SFOBB extending to Oakland shore line

21 August 2015 – 31 December 2017

NOAA Chart 18650



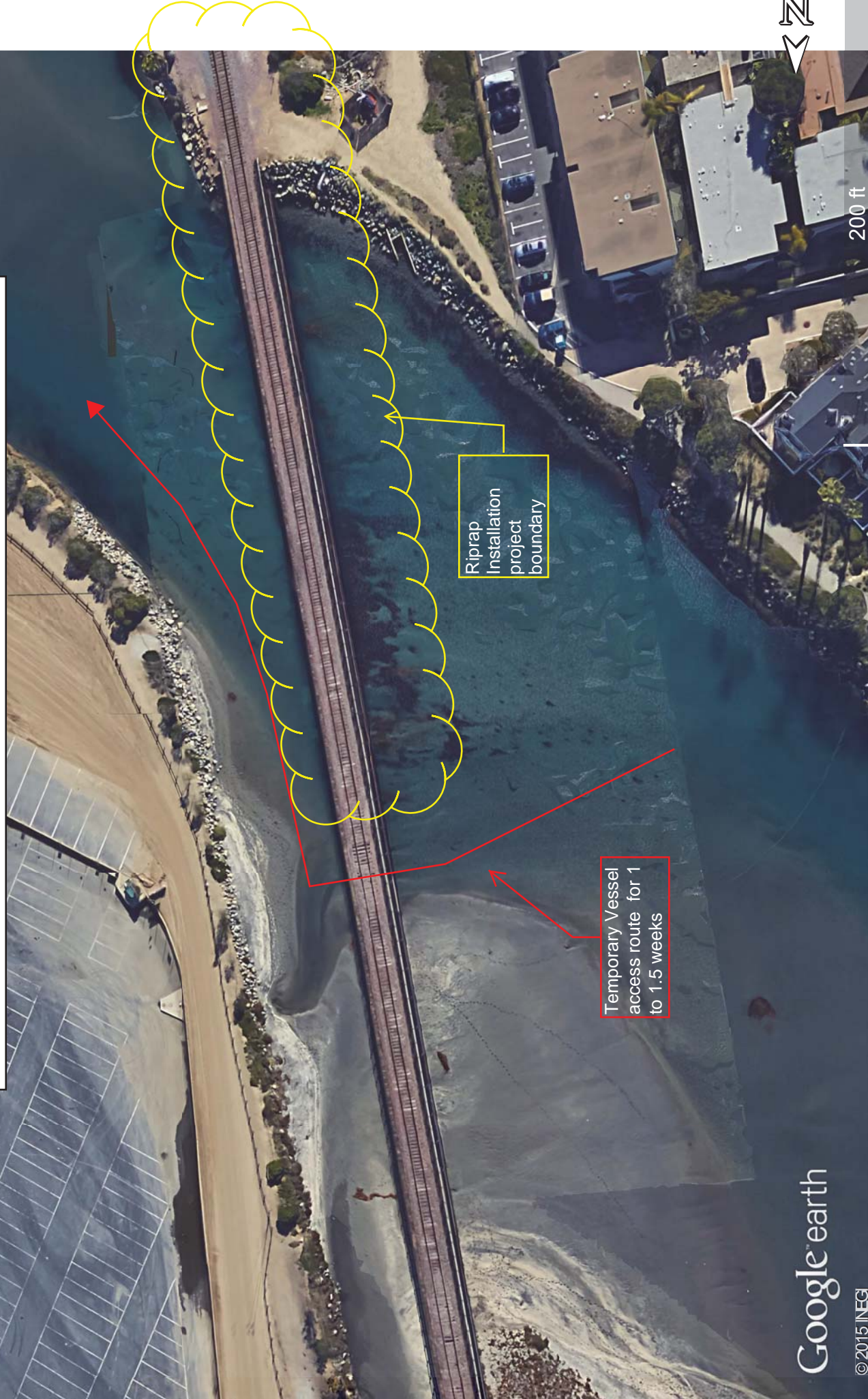
Orwood Bridge Replacement Project Mile 1.5, Werner Cut. Temporary Trestle and Lighting Plan



The temporary trestle will be placed between the existing Orwood Bridge and the EBMUD pipelines. A temporary boom will surround the entire project area leaving mariners with 17 feet of horizontal clearance at the eastern bank of Werner Cut. The in-water piers on the upstream pipeline and downstream existing Orwood Bridge will be lit at night with steady burning red lights.

North County Transit District Railroad Bridge San Diego River, Mile 0.18

Area for Vessel Transit During Maintenance Work



North County Transit District Railroad Bridge San Diego River, Mile 0.18

Area for Vessel Transit During Maintenance Work

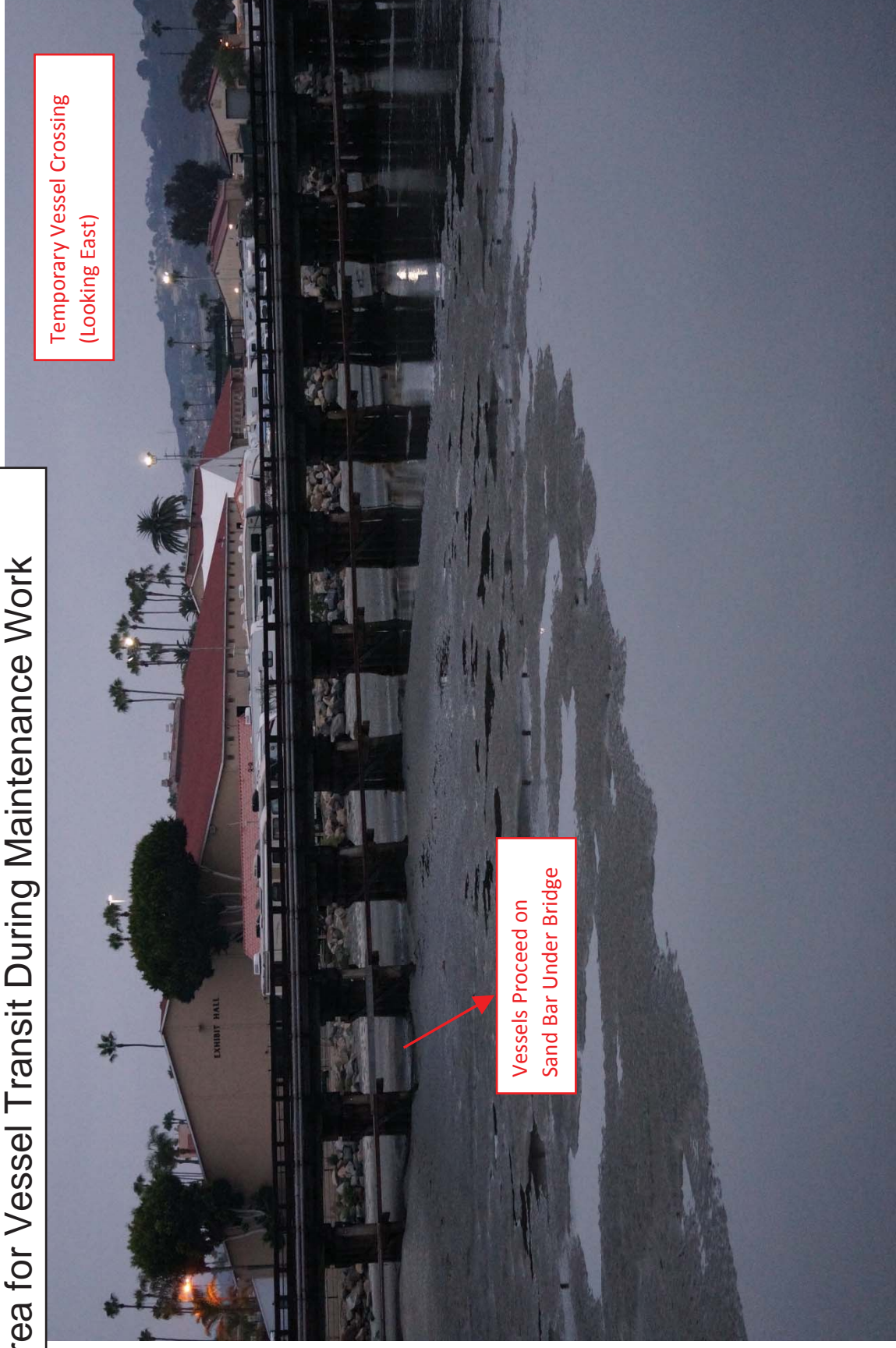


Temporary Vessel Crossing
(Looking Northwest)

Vessels Proceed on
Sand Bar Under Bridge

North County Transit District Railroad Bridge San Diego River, Mile 0.18

Area for Vessel Transit During Maintenance Work

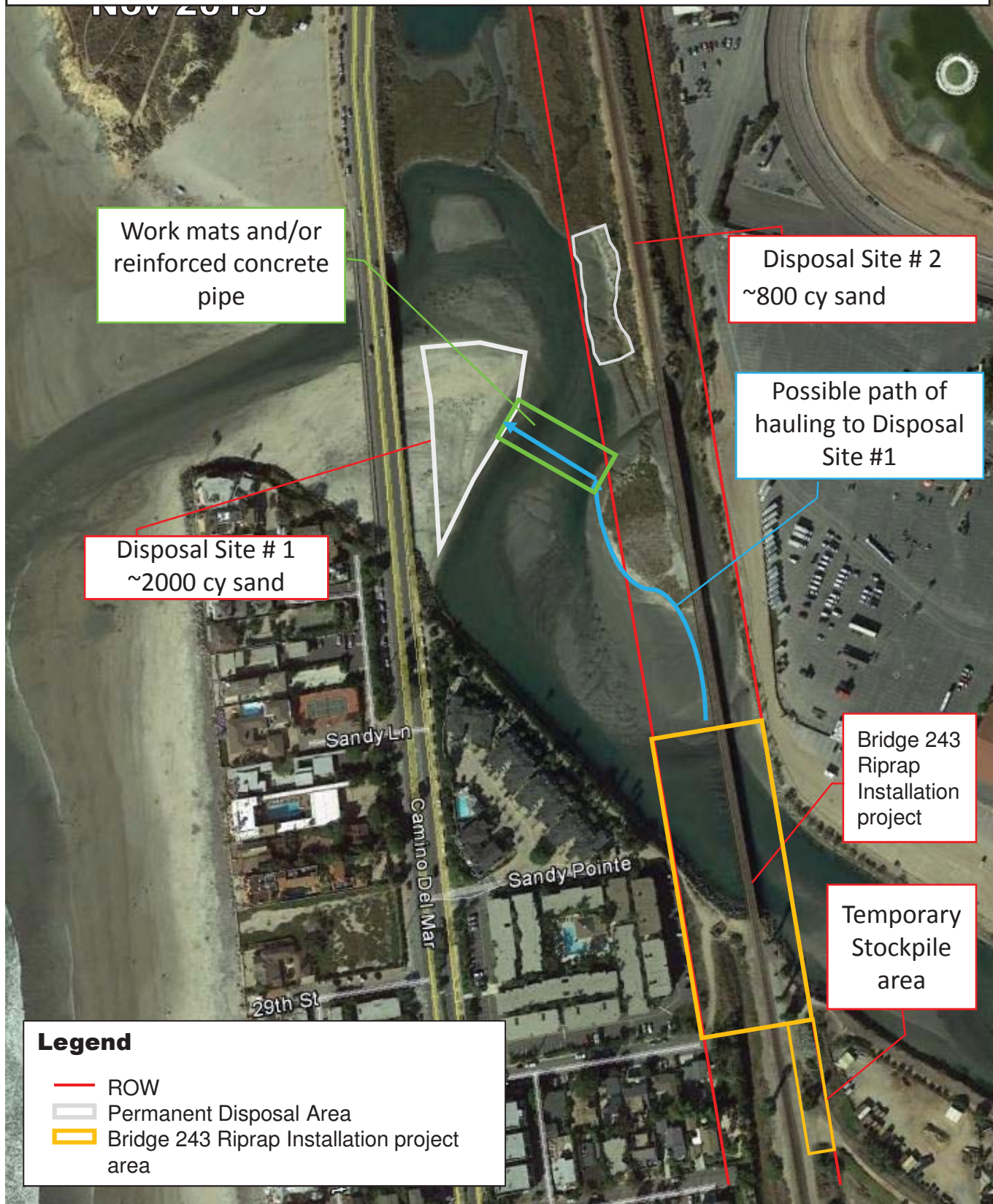


Temporary Vessel Crossing
(Looking East)

Vessels Proceed on
Sand Bar Under Bridge

North County Transit District Railroad Bridge San Dieguito River, Mile 0.18

Temporary Impacts to Navigation During Work



MARINE SAFETY/SECURITY
INFORMATION BULLETIN (MSIB) 15-07



Coast Guard Sector San Francisco
Department of Homeland Security



Safety Alert:

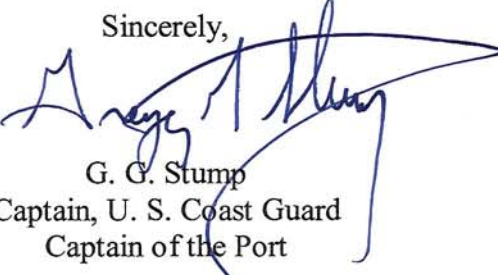
Commercial Fishing Vessel "Work-Lights" Create Potential Night Time Navigation Hazard

Mariners directing the movement of large ships in or near the offshore approaches to San Francisco Bay have indicated to the Coast Guard that the high-intensity "work-lights" used by commercial fishing vessels prevent vessel operators from seeing the commercial fishing vessel's navigation lights at night and in low visibility conditions.

A clear and present threat to navigation safety exists when one vessel cannot see the navigation lights of another vessel. If navigation lights are obscured, the aspect of the latter vessel cannot be determined making it extremely difficult for both vessels to successfully execute the nautical rules of the road. International Navigation Rule 20 states that no other lights that may impair the visibility of the lights specified in the Rules shall be displayed from sunrise to sunset and during periods of low visibility. Vessels found to be in violation of Rule 20 may be subject to a \$6,500 fine.

All vessels operating near the San Francisco Bay inbound or outbound off-shore traffic lanes are required to comply with the Navigation Rules as they pertain to navigation lights. Vessels are also encouraged to maintain an active listening watch on VHF/FM Channels 13 and 16 and, when the intentions of another vessel are unclear, communicate to make arrangements to reduce the risk of collision.

Sincerely,


G. G. Stump
Captain, U. S. Coast Guard
Captain of the Port

INLAND Rule 24, (h), read:

In § 83.24(h), after the text “to indicate the presence of”, remove the text “the unlighted” and replace it with “such.”

(USCG)

39/15

COLREGS DEMARCATION LINES

33 CFR 80, §80.502 Toms River, NJ to Cape May, NJ.

(a) A line drawn from the seaward tangent of Long Beach Island to the seaward tangent to Pullen Island across Beach Haven and Little Egg Inlets, thence across Brigantine Inlet to Brigantine Island.

(b) A line drawn from the seaward extremity of Absecon Inlet.

(c) A line drawn parallel with the general trend of highwater shoreline from the southernmost point of Longport at latitude 39°17.6' N., longitude 74°33.1' W. across Great Egg Harbor Inlet.

(d) A line drawn parallel with the general trend of highwater shoreline across Corson Inlet.

(e) A line formed by the centerline of the Townsend Inlet Highway Bridge.

(f) A line formed by the shoreline of Seven Mile Beach to 39°00'23.757" N., 074°47'28.017" W. (Hereford Inlet Light).

(g) A line drawn across the seaward extremity of Cape May Inlet.

(USCG)

39/15

COLREGS DEMARCATION LINES

33 CFR 80, §80.748

In § 80.748(f), remove the text “shoreland” and add, in its place, the text “shoreline.”

(USCG)

39/15

INTERNATIONAL INTERPRETIVE RULES 33 CFR 82, §82.5; read:

A vessel at anchor includes a barge made fast to one or more mooring buoys or other similar device attached to the ocean floor. Such vessels may be lighted as a vessel at anchor in accordance with Rule 30, or may be lighted on the corners in accordance with 33 CFR 83.30 (h) through (l).

(USCG)

39/15

VOLUNTARY VESSEL SPEED REDUCTION ZONE TO REDUCE COLLISIONS BETWEEN SHIPS AND WHALES

May 1 - Nov 15, 2015

NOAA Sanctuaries request a voluntary Vessel Speed Reduction from May 1 - November 15 within the SF TSS. Vessels 300 gross registered tons or larger transiting the Offshore San Francisco Traffic Separation Scheme (33 CFR 157.400) are encouraged to transit at speeds not in excess of 10kts. These areas contain concentrations of endangered Blue, Humpback, and Fin Whales that are protected under the Federal Endangered Species Act (16 U.S.C. 1538 et seq.), the Marine Mammal Protection Act (16 U.S.C. 1361 et seq.), and the National Marine Sanctuaries Act (16 U.S.C. 1431 et seq.).

